Exhibit 4

Superseding Indictment (Dkt. #7), United States v. Fedorov, CR18-004RSM

Case 2:18-cr-00004-RSM Document 20-2 Filed 07/27/18 Page 2 of 32

Presented to the Court by the foreman of the 1 Grand Jury in open Court, in the presence of the Grand Jury and FILED in the U.S. 2 DISTRICT COURT at Seattle, Washington. 3 18 January 4 Clerk Deputy 5 6 7 UNITED STATES DISTRICT COURT FOR THE 8 WESTERN DISTRICT OF WASHINGTON 9 AT SEATTLE 10 11 UNITED STATES OF AMERICA. NO. CR18-004RSM 12 Plaintiff, SUPERSEDING INDICTMENT 13 14 15 DMYTRO VALERIEVICH FEDOROV. aka "hotdima," 16 Defendant. 17 18 The Grand Jury charges that: 19 DEFINITIONS 20 1. IP Address: An Internet Protocol address (or simply "IP address") is a 21 unique numeric address used by devices, such as computers, on the Internet. An IP 22 address is a series of four numbers, each in the range 0-255, separated by periods (e.g., 23 104.250.138.210). Every device attached to the Internet must be assigned an IP address 24 so that Internet traffic sent from and directed to that device may be directed properly 25 from its source to its destination. Most Internet service providers control a range of IP 26 addresses. 27

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 1

28

1 2. Server: A server is a computer that provides services for other computers 2 connected to it via a network or the Internet. The computers that use the server's services 3 are sometimes called "clients." Servers can be physically located anywhere with a 4 network connection that may be reached by the clients; for example, it is not uncommon 5 for a server to be located hundreds (or even thousands) of miles away from the client 6 computers. A server may be either a physical or virtual machine. A physical server is a 7 piece of computer hardware configured as a server with its own power source, central 8 processing unit/s and associated software. A virtual server is typically one of many 9 servers that operate on a single physical server. Each virtual server shares the hardware 10 resources of the physical server but the data residing on each virtual server is segregated 11 from the data on other virtual servers that reside on the same physical machine.

12 3. Malware: Malware is malicious computer code running on a computer. 13 Relative to the owner/authorized user of that computer, malware is computer code that is 14 running on the system that is unauthorized and present on the system without the user's 15 consent. Malware can be designed to do a variety of things, including logging every 16 keystroke on a computer, stealing financial information or "user credentials" (passwords 17 or usernames), or commanding that computer to become part of a network of "robot" or 18 "bot" computers known as a "botnet." In addition, malware can be used to transmit data 19 from the infected computer to another destination on the Internet, as identified by an IP 20 address. Often times, these destination IP addresses are computers controlled by cyber 21 criminals.

4. The Carbanak malware: "Carbanak" is the name given by computer
security researchers to a particular malicious software (malware) program. Carbanak has
been used to remotely access computers without authorization. The Carbanak malware
allows an attacker to spy on another person's computer and remotely control the
computer. Carbanak can record videos of the victim's computer screen and send the
recordings back to the attacker. It can also let the attacker use the victim computer to

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 2

attack other computers, and to steal files from the victim computer, and install other
 malware. All of this can be done without the legitimate user's knowledge or permission.

5. Bot: A "bot" computer is a computer that has been infected with some kind
of malicious software or code and is thereafter subject to control by someone other than
the true owner. The true owner of the infected computer usually remains able to use the
computer as he did before it was infected, although speed or performance may be
compromised.

8 6. Botnet: A "botnet" is a network of compromised computers known as 9 "bots" that are under the control of a cybercriminal or "bot herder." The bots are 10 harnessed by the bot herder through the surreptitious installation of malware that provides 11 the bot herder with remote access to, and control of, the compromised computers. A 12 botnet may be used en masse, in a coordinated fashion, to deliver a variety of Internet-13 based attacks, including DDoS attacks, brute force password attacks, the transmission of spam emails, the transmission of phishing emails, and hosting communication networks 14 15 for cybercriminals (e.g., acting as a proxy server for email communications).

16 Phishing: Phishing is a criminal scheme in which the perpetrators use 7. 17 mass email messages and/or fake websites to trick people into providing information such 18 as network credentials (e.g., usernames and passwords) that may later be used to gain 19 access to a victim's systems. Phishing schemes often utilize social engineering techniques similar to traditional con-artist techniques in order to trick victims into 20 21 believing they are providing their information to a trusted vendor, customer, or other 22 acquaintance. Phishing emails are also often used to trick a victim into clicking on 23 documents or links that contain malicious software that will compromise the victim's computer system. 24

8. Spear Phishing: Spear phishing is a targeted form of phishing directed
towards a specific individual, organization or business. Although often intended to steal
data for malicious purposes, cybercriminals may also use spear phishing schemes to
install malware on a targeted user's computer.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 3

1 9. Social Engineering: Social engineering is a skill developed over time by people who seek to acquire protected information through manipulation of social relationships. People who are skilled in social engineering can convince key individuals to divulge protected information or access credentials that the social engineer deems valuable to the achievement of his or her aims.

10. **Pen-Testing:** Penetration testing, or pen-testing, is the practice of testing a computer system, network or computer application to find vulnerabilities that an attacker may exploit.

COUNT 1

(Conspiracy to Commit Wire and Bank Fraud)

OFFENSE

2

3

4

5

6

7

8

9

10

11

12

13

I.

11. The allegations set forth in Paragraphs 1 through 10 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

14 12. Beginning at a time unknown, but no later than September 2015, and 15 continuing through on or after January 17, 2018, at Seattle, within the Western District of 16 Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, aka "hotdima," 17 and others known and unknown to the Grand Jury, did knowingly and willfully combine, 18 conspire, confederate and agree together to commit offenses against the United States, to 19 wit:

20 to knowingly and willfully devise and execute and attempt to 8 21 execute, a scheme and artifice to defraud, and for obtaining money and property by 22 means of materially false and fraudulent pretenses, representations, and promises; and in 23 executing and attempting to execute this scheme and artifice, to knowingly cause to be 24 transmitted in interstate and foreign commerce, by means of wire communication, certain 25 signs, signals and sounds as further described below, in violation of Title 18, United 26 States Code, Section 1343;

27 b. to knowingly and willfully devise and execute and attempt to 28 execute, a scheme and artifice to defraud financial institutions, as defined by Title 18,

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 4

United States Code, Section 20, and to obtain moneys, funds, and credits under the
 custody and control of the financial institutions by means of materially false and
 fraudulent pretenses, representations, and promises, in violation of Title 18, United States
 Code, Section 1344(1) and (2).

5 ||

П.

OBJECTIVES OF THE CONSPIRACY

13. Defendant DMYTRO VALERIEVICH FEDOROV, and others known and
unknown to the Grand Jury, were part of a financially motivated cybercriminal
conspiracy known variously as FIN7, the Carbanak Group, and the Navigator Group
(referred to herein as "FIN7"). FIN7 consists of a group of criminal actors engaged in a
sophisticated malware campaign targeting the computer systems of businesses, primarily
in the restaurant, gaming, and hospitality industries, among others.

12 14. The objectives of the conspiracy included hacking into protected computer 13 networks using malicious software (hereinafter, "malware") designed to provide the conspirators with unauthorized access to, and control of, victim computer systems. The 14 objectives of the conspiracy further included conducting surveillance of victim computer 15 16 networks, and installing additional malware on victim computer networks for the purpose of establishing persistence, stealing money and property, including payment card (e.g., 17 18 credit and debit) track data, financial information, and proprietary and non-public 19 information. The objectives of the conspiracy further included using and selling the 20 stolen data and information for financial gain in a variety of ways, including, but not 21 limited to, using stolen payment card data to conduct fraudulent transactions across the 22 United States and in foreign countries.

23

III.

MANNER AND MEANS OF THE CONSPIRACY

24 15. The manner and means used to accomplish the conspiracy included the
25 following:

a. FIN7 developed and employed various malware designed to
infiltrate, compromise, and gain control of the computer systems of victim companies
operating in the United States and elsewhere, including within the Western District of

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 5

11 Washington. FIN7 established and operated an infrastructure of servers, located in 2 various countries, through which FIN7 members coordinated activity to further the scheme. This infrastructure included, but was not limited to, the use of command and control servers, accessed through custom botnet control panels, that communicated with and controlled compromised computer systems of victim companies.

3

4

5

7

10

11

12

6 b. FIN7 created a front company doing business as Combi Security to facilitate the malware scheme by seeking to make the scheme's illegal conduct appear 8 legitimate. Combi Security purports to operate as a computer security pen-testing 9 company based in Moscow, Russia and Haifa, Israel. As part of advertisements and public internet pages for Combi Security, FIN7 portrayed Combi Security as a legitimate penetration testing enterprise that hired itself out to businesses for the purpose of testing their computer security systems.

13 Under the guise of a legitimate computer security company, FIN7, c. 14 doing business as Combi Security, recruited individuals with computer programming 15 skills, falsely claiming that the prospective employees would be engaged in legitimate 16 pen-testing of client computer networks. In truth and in fact, as Defendant and his FIN7 17 co-conspirators well knew, Combi Security was a front company used to hire and deploy 18 hackers who were given tasks in furtherance of the FIN7 conspiracy.

19 d. FIN7 targeted victims in the Western District of Washington, and 20 elsewhere, using phishing techniques to distribute malware designed to gain unauthorized 21 access to, take control of, and exfiltrate data from the computer systems of various 22 businesses. FIN7's targeted victims include more than 120 identified companies, with 23 thousands of individual locations of operation throughout the United States, including, 24 but not limited to, the following representative victim companies:

25 "Victim-1" referenced herein is the Emerald Queen Hotel and 26 Casino (EQC), a hotel and casino owned and operated by a federally recognized Native 27 American Tribe with locations in Pierce County, within the Western District of 28 Washington.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 6

ii. "Victim-2" referenced herein is a 2 public corporation headquartered in Seattle, within the Western District of Washington, 3 with operations throughout the United States and elsewhere. 4 iii. "Victim-3" referenced herein is Chipotle Mexican Grill, a 5 U.S.-based restaurant chain with thousands of locations in the United States, including in 6 the Western District of Washington, and in Canada and multiple European countries. 7 "Victim-4" referenced herein is iv. a U.S.-8 based pizza parlor chain with hundreds of locations predominantly in the Western United 9 States, including in the Western District of Washington. 10 "Victim-5" referenced herein is BECU, a U.S.-based 11 federally insured credit union headquartered in the Western District of Washington. 12 vï. "Victim-6" referenced herein is Jason's Deli, a U.S.-based 13 casual delicatessen restaurant chain with hundreds of locations in the United States. 14 vii. "Victim-7" referenced herein is an automotive 15 retail and repair chain with hundreds of locations in the United States, including in the Western District of Washington. 16 17 viii. "Victim-8" referenced herein is Red Robin Gourmet Burgers and Brews (Red Robin), a U.S.-based casual dining restaurant chain, founded in the 18 19 Western District of Washington, with hundreds of locations in the United States, 20 including in the Western District of Washington. 21 "Victim-9" referenced herein is Sonic Drive-in (Sonic), a ix. 22 U.S.-based drive-in fast-food chain with thousands of locations in the United States, including in the Western District of Washington. 23 24 "Victim-10" referenced herein is Taco John's, a U.S.-based x. 25 fast-food restaurant chain with hundreds of locations in the United States, including in the 26 Western District of Washington. 27 FIN7 typically initiated its attacks by delivering, directly and e. 28 through intermediaries, a phishing email with an attached malicious file, using wires in Superseding Indictment / United States v. Fedorov UNITED STATES ATTORNEY No. CR18-004RSM - 7 700 STEWART STREET, SUITE 5220 SEATTLE, WASHINGTON 98101

(206) 553-7970

1 || interstate and foreign commerce, to an employee of the targeted victim company. The 2 attached malicious file usually was a Microsoft Word (.doc or .docx) or Rich Text File 3 (.rtf) document with embedded malware. FIN7 used a variety of malware delivery 4 mechanisms in its phishing attachments including, but not limited to, weaponized 5 Microsoft Word macros, malicious Object Linking and Embedding (OLE) objects, 6 malicious visual basic scripts or JavaScript, and malicious embedded shortcut files (LNK 7 files). In some instances, the phishing email or attached file contained a link to malware 8 hosted on servers controlled by FIN7. The phishing email, through false representations 9 and pretenses, fraudulently induced the victim company employee to open the attachment or click on the link to activate the malware. For example, when targeting a hotel chain, 10 11 the purported sender of the phishing email might falsely claim to be interested in making 12 a hotel reservation. By way of further example, when targeting a restaurant chain, the 13 purported sender of the phishing email might falsely claim to be interested in placing a 14 catering order or making a complaint about prior food service at the restaurant.

f. In certain phishing attacks, FIN7, directly and through
intermediaries, sent phishing emails to personnel at victim companies who had unique
access to internal proprietary and non-public company information, including, but not
limited to, employees involved with making filings with the United States Securities and
Exchange Commission ("SEC"). These emails used an email address that spoofed an
email address associated with the SEC's electronic filing system, and induced the
recipients to activate the malware contained in the emails' attachments.

g. In many of the FIN7 attacks, a FIN7 member, or someone hired by
FIN7 specifically for such purpose, would also call the victim company, using wires in
interstate or foreign commerce, to legitimize the phishing email and convince the victim
company employee to open the attached document using social engineering techniques.
For example, when targeting a hotel chain or a restaurant chain, a conspirator would
make a follow-up call falsely claiming that the details of a reservation request, catering
order, or customer complaint could be found in the file attached to the previously

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 8

delivered email, to induce the employee at the victim company to read the phishing
 email, open the attached file, and activate the malware.

h. If the recipient activated the phishing email attachment or clicked on
the link, the recipient would unwittingly activate the malware, and the computer on
which it was opened would become infected and connect to one or more command and
control servers controlled by FIN7 to report details of the newly infected computer and
download additional malware. The command and control infrastructure relied upon
various servers in multiple countries, including, but not limited to, the United States,
typically leased using false information, such as alias names and fictitious information.

i. FIN7 typically would install additional malware, including the
 Carbanak malware, to connect to additional FIN7 command and control servers to
 establish remote control of the victim computer.

j. Once a victim's computer was compromised, FIN7 would
incorporate the compromised machine or "bot" into a botnet.

k. FIN7 designed and used a custom botnet control panel to manage
and issue commands to the compromised machines.

17 1. Once a victim company's computers were incorporated into the 18 FIN7 botnet and remotely controlled by FIN7's malware, the group used this remote 19 control and access to, among other things, install and manage additional malware, 20 conduct surveillance, map and navigate the compromised computer network, compromise 21 additional computers, exfiltrate files, and send and receive data. For instance, FIN7 often 22 conducted surveillance on the victim's computer network by, among other things, 23 capturing screen shots and videos of victim computer workstations that provided the 24 conspirators with additional information about the victim company computer network 25 and non-public credentials for both generic company accounts and for actual company 26 employees.

m. FIN7 used its access to the victim's computer network and
information gleaned from surveillance of the victim's computer systems to install

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 9

additional malware designed to target and extract particular information and property of
 value, including payment card data and proprietary and non-public information. For
 instance, FIN7 often utilized various "off-the-shelf" software and custom malware, and a
 combination thereof, to extract and transfer data to a "loot" folder on one or more servers
 controlled by FIN7.

n. FIN7 frequently targeted victim companies with customers who use payment cards while making legitimate point-of-sale purchases, such as victim companies in the restaurant, gaming, and hospitality industries. In those cases, FIN7 configured malware to extract, copy, and compile the payment card data, and then to transmit the data from the victim computer systems to servers controlled by FIN7.

o. For example, between approximately March 24, 2017, and April 18,
 2017, FIN7 harvested payment card data from point-of-sale devices at certain Victim-3
 restaurant locations, including dozens of locations in the Western District of Washington.

p. FIN7 stole millions of payment card numbers, many of which have
been offered for sale through vending sites, including, but not limited to, Joker's Stash,
thereby attempting to generate millions of dollars of illicit profits.

17 The payment card data were offered for sale to allow purchasers to q. 18 falsely represent themselves as authorized users of the stolen payment cards and to use 19 the stolen payment card information to purchase goods and services in fraudulent 20 transactions throughout the United States and the world, including over the Internet, 21 resulting in millions of dollars in losses to, and thereby affecting, merchants and banks, 22 including financial institutions, as defined in Title 18, United States Code, Section 20. 23 For example, on or about March 10, 2017, stolen payment card data related to accounts held at Victim-5, a financial institution headquartered in the Western District of 24 25 Washington, compromised through the computer network intrusion of a victim company, 26 was used to make unauthorized purchases at a merchant in Puyallup, Washington.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 10

6

7

8

9

10

27

28

1 FIN7 members employed various techniques to conceal their T. 2 identities, including simultaneously utilizing various leased servers, that had been leased using false subscriber information, in multiple countries.

4 S. FIN7 member, co-conspirator F.H., served as a high-level systems 5 administrator for FIN7 who maintained servers and communication channels used by the 6 organization. For example, FIN7 members requested co-conspirator F.H. to grant them 7 access to servers used by FIN7 to facilitate the malware scheme. Co-conspirator F.H. 8 also played a management role in the scheme by delegating tasks and by providing 9 instruction to other members of the scheme.

10 t. FIN7 members typically communicated with one another and others 11 through private communication channels to further their malicious activity. Among other 12 channels, FIN7 conspirators communicated using Jabber, an instant messaging service 13 that allows members to communicate across multiple platforms and that supports end-toend encryption. 14

15 u. For example, in Jabber communications with other FIN7 members, 16 DMYTRO VALERIEVICH FEDOROV, using his alias "hotdima," referenced using 17 malware in connection with several specific victim companies, discussed using the 18 administrative control panels to receive data from compromised computers, and 19 identified several pen-testers working at his direction.

20 FIN7 members often communicated through a private HipChat v. 21 server. HipChat is a group chat, instant messaging, and file-sharing program. FIN7 22 members used its HipChat server to collaborate on malware and victim business 23 intrusions, to interview potential recruits, and to upload and share exfiltrated data, such as 24 stolen payment card data. As a system administrator, co-conspirator F.H. created 25 HipChat user accounts for FIN7 members that allowed them to access the server.

26 Co-conspirator F.H. also created and participated in multiple w. 27 HipChat "rooms" with other FIN7 members and participated in the uploading and 28 organization of stolen payment card data and malware. For example, on or about March

3

1 14, 2016, co-conspirator F.H. uploaded an archive that contained numerous data files
created by malware designed to steal data from point-of-sale systems that process
payment cards. The files contained payment card numbers stolen from a victim company
that had publicly reported a security breach that resulted in the compromise of tens of
thousands of payment cards. By way of further example, co-conspirator F.H. also set up
and used a HipChat room titled "MyFile", in which he was the only participant, and to
which he uploaded malware used by FIN7 and stolen payment card information.

8 x. FIN7 conspirators used numerous email accounts hosted by a variety
 9 of providers in the United States and elsewhere, which they often registered using false
 10 subscriber information.

y. FIN7 conspirators frequently used the project management software
JIRA, hosted on private virtual servers in various countries, to coordinate their malicious
activity and to manage the assorted network intrusions. FIN7 members typically created
a "project" and then associated "issues" with the project, each issue akin to an issue
directory or folder, for a victim company, which they used to collaborate and share
details of the intrusion, to post victim company intelligence, such as network mapping
information, and to store and share exfiltrated data.

18

19

20

z. For example, on about September 7, 2016, co-conspirator F.H. created an "issue" for Victim-6, to which FIN7 conspirators posted files containing internal credentials for the victim company's computer network.

21 aa. By way of further example, on multiple occasions in January 2017, 22 DMYTRO VALERIEVICH FEDOROV and others posted to the FIN7 "issue" created 23 for Victim-7, information about the victim company's internal network and uploaded 24 exfiltrated data, including stolen employee credentials. Similarly, on or about April 5, 25 2017, DMYTRO VALERIEVICH FEDOROV created an "issue" for another victim 26 company, Victim-9, and uploaded stolen user credentials from the victim company. 27 bb. FIN7 conspirators knew that the scheme would involve the use of 28 wires in both interstate and foreign commerce to accomplish the objectives of the

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 12

1 scheme. For example, the Defendant and his FIN7 co-conspirators knew that execution 2 of the scheme necessarily caused the transmission of wire communications between the United States and one or more servers controlled by FIN7 located in foreign countries. All in violation of Title 18, United States Code, Section 1349.

COUNTS 2 - 15

(Wire Fraud)

16. The allegations set forth in Paragraphs 1 through 15 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

9

I.

3

4

5

6

7

8

SCHEME AND ARTIFICE TO DEFRAUD

10 17. Beginning at a time unknown, but no later than September 2015, and 11 continuing through on or after January 17, 2018, at Seattle, within the Western District of 12 Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known 13 and unknown to the Grand Jury, devised and intended to devise a scheme and artifice to 14 defraud and to obtain money and property by means of materially false and fraudulent 15 pretenses, representations and promises.

16 18. The essence of the scheme and artifice to defraud was to obtain 17 unauthorized access into, and control of, the computer networks of victims through deceit 18 and materially false and fraudulent pretenses and representations, through the installation 19 and use of malware designed to facilitate, among other things, the installation of 20 additional malware, the sending and receiving of data, and the surveillance of the 21 victims' computer networks. The object of the scheme and artifice to defraud was to 22 steal money and property of value, including payment card data and proprietary and non-23 public information, which was, and could have been, sold and used for financial gain.

24 П.

25

26

27

28

MANNER AND MEANS OF SCHEME TO DEFRAUD

19. The manner and means of the scheme and artifice to defraud are set forth in Paragraph 15 of Count 1 of this Superseding Indictment.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 13

1 || III. **EXECUTION OF SCHEME TO DEFRAUD**

20. On or about the dates set forth below, within the Western District of Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known and unknown to the Grand Jury, having devised a scheme and artifice to defraud, and to obtain money and property by means of materially false and fraudulent pretenses, representations, and promises, did knowingly transmit and cause to be transmitted writings, signs, signals, pictures, and sounds, for the purpose of executing such scheme, by means of wire communication in interstate and foreign commerce, including the following transmissions:

10				
11			•	Email from just_etravel@yahoo.com,
10				which traveled through a server
12	2	August 8, 2016	Victim-1	located outside the State of
13			Pierce County	Washington, to a Victim-1 employee,
14				located within the State of
14				Washington
15				Email from frankjohnson@revital-
16				travel.com, which traveled through a
10	3	August 8, 2016	Victim-1	server located outside the State of
17	Den Ser		Pierce County	Washington, to a Victim-1 employee,
18				located within the State of
.		······		Washington
19			· · ·	Electronic communication between a
20	4	Annual 9, 2016	Victim-1	server located outside the State of
	4	August 8, 2016	Pierce County	Washington, and Victim-1's computer
21				system, located within the State of
22				Washington
				Email purporting to be from a
23			Victim-2	government account, which traveled
24	5	February 21, 2017		through a server located outside the State of Washington, to a Victim-2
<u> </u>			Seattle	employee, located within the State of
25				Washington
26	L		L	w asimigion

2: 26 27

28

2

3

4

5

6

7

8

9

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 14

2 6 February 23, 2017 Victim-2 Seattle server located outside the State of Washington, and Victim-2's compute system, located within the State of Washington 5 7 March 24, 2017 Victim-3 4120 196 th St SW, Suite 150, Lynnwood Electronic communication between a server, located outside the State of Washington, and Victim-3's compute system, located within the State of Washington 10 March 25, 2017 Victim-3 4 Bellis Fair Pkwy, Bellingham Electronic communication between a server, located outside the State of Washington, and Victim-3's compute system, located within the State of Washington 11 March 25, 2017 Victim-3 515 SE Everett Mall Way, Suite B, Everett Electronic communication between a server, located outside the State of Washington 12 March 27, 2017 Victim-3 515 SE Everett Mall Way, Suite B, Everett Electronic communication between a server, located within the State of Washington 13 April 11, 2017 22704 SE	1				
3 6 February 23, 2017 Victim-2 Seattle server located outside the State of Washington, and Victim-2's compute system, located within the State of Washington, and Victim-3's compute system, located within the State of Washington 10 March 25, 2017 Victim-3 800 156 th Ave NE, Bellevue Electronic communication between a server, located outside the State of Washington, and Victim-3's compute system, located within the State of Washington 10 March 25, 2017 Victim-3 4 Bellis Fair Pkwy, Bellingham Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington 12 March 27, 2017	2	<u>alese det an Servicia d'Ample</u>			Electronic communication between a
3 6 February 2.3, 2017 Seattle Washington, and Victim-2 & compute system, located within the State of Washington. 4				Victim-2	
4	3	6	February 23, 2017		
5 7 March 24, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington, and Victim-3's compute system, located within the State of Washington 7 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 9 8 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 11 9 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 12 9 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 14 9 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 15 10 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the State of Washington, and Victim-3's computer system, located within the	4				
67March 24, 2017Victim-3 4120 196th St SW, Suite 150, Lynwoodserver, located outside the State of Washington, and Victim-3's compute system, located within the State of Washington98March 25, 2017Victim-3 1415 Broadway, SeattleElectronic communication between a server, located outside the State of Washington108March 25, 2017Victim-3 1415 Broadway, SeattleElectronic communication between a server, located outside the State of Washington119March 25, 2017Victim-3 800 156th Ave NE, BellevueElectronic communication between a server, located outside the State of Washington149March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1610March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1911March 25, 2017Victim-3 515 SE Everett Mall Way, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2212March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located within the State of Washington2312April 11, 2017Victim-3 Stite 210Electronic communication between a server, located outside the State of Washington2413April 11, 2017Stite 210 Stite 210Electronic communication between a serve	5				
7March 24, 20174120 196° St SW, Suite 150, LynnwoodWashington, and Victim-3's compute system, located within the State of Washington and Victim-3's compute system, located outside the State of Washington and Victim-3's compute system, located outside the State of Washington and Victim-3's compute system, located within the State of Washington, and Victim-3's compute system, located within the State of Washington and Victim-3's compute system, located within the State of Washington and Victim-3's compute system, located within the State of Washington and Victim-3's compute system, located within the State of Washington10March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington10March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington11March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington12March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington12March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington13April 11, 2017Stitis 210 Stite 210Electronic communication between a server, located outside the State of Washington </td <td>6</td> <td></td> <td></td> <td>· · · · · ·</td> <td></td>	6			· · · · · ·	
7Suite 130, Lynnwoodsystem, located within the State of Washington98March 25, 2017Victim-3 1415 Broadway, SeattleElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington119March 25, 2017Victim-3 800 156th Ave NE, BellevueElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington149March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1610March 25, 20174 Bellis Fair Pkwy, 	·	. 7	March 24, 2017	· · ·	Washington, and Victim-3's computer
8 Washington 9 8 March 25, 2017 Victim-3 10 8 March 25, 2017 1415 Broadway, Seattle Electronic communication between a server, located outside the State of Washington 11 9 March 25, 2017 Nictim-3 Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington 14 9 March 25, 2017 Nictim-3 14 9 March 25, 2017 Victim-3 14 10 March 25, 2017 Victim-3 16 10 March 25, 2017 Victim-3 16 10 March 25, 2017 Victim-3 17 10 March 25, 2017 Victim-3 18 10 March 25, 2017 Victim-3 19 11 March 25, 2017 Victim-3 19 11 March 25, 2017 Victim-3 10 March 27, 2017 Victim-3 11 March 27, 2017 Victim-3 12 March 27, 2017 Victim-3 12 March 27, 2017 Sifs SE Everett Mall Way, Suite B, Everett	7				system, located within the State of
98March 25, 2017Victim-3server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington119March 25, 2017Victim-3 800 156th Ave NE, BellevueElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington149March 25, 2017Victim-3 BellevueElectronic communication between a server, located outside the State of Washington1510March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington10March 25, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington12March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located within the State of 	8	· .	······	Lynnwood	
108March 25, 20171415 Broadway, SeattleServer, located within the State of Washington11111415 Broadway, SeattleSeattleWashington, and Victim-3's computer system, located within the State of Washington129March 25, 2017Victim-3 BellevueElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington1410March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1610March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1911March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2011March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Suite 217 Suite 217Electronic communication between a server, located outside the State of Washington		·			
10Number of the sector of the sec		8	March 25, 2017		
11 Washington 12 March 25, 2017 Victim-3 13 9 March 25, 2017 800 156 th Ave NE, Bellevue Electronic communication between a server, located outside the State of Washington 14 10 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 16 10 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 17 10 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 18 Victim-3 Stift Size Everett Server, located within the State of Washington 10 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 19 11 March 25, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 22 11 March 27, 2017 Victim-3 Electronic communication between a server, located outside the State of Washington 23 12 March 27, 2017 Victim-3 Electronic communication between a server, located within the State of Washington 24 12 March 27, 20			Watch 23, 2017	÷	
129March 25, 2017Victim-3 800 156th Ave NE, BellevueElectronic communication between a server, located outside the State of Washington149March 25, 2017800 156th Ave NE, BellevueWashington, and Victim-3's computer system, located within the State of Washington1610March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1810March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington11March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2212March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located within the State of Washington2413April 11, 201722704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	11			Southe	
139March 25, 2017Victim-3 800 156th Ave NE, Bellevueserver, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington1410March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1610March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington1911March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2011March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 201722704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	12				Electronic communication between a
141510March 25, 2017300 130 'Ave (Mi, Bellevue)Washington, and Victim-3 's computer system, located within the State of Washington1610March 25, 2017Victim-3Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington1911March 25, 2017Victim-32011March 25, 2017Victim-32011March 25, 2017Victim-32111March 25, 2017Victim-32212March 27, 2017Victim-32312March 27, 2017Victim-32412March 27, 2017Victim-32513April 11, 2017Victim-32613April 11, 2017Site 2102713April 11, 2017Site 210					
15Washington1610March 25, 2017Victim-31610March 25, 20174 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington1911March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2011March 25, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2212March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington	13	9	March 25, 2017	,	
151610March 25, 2017Victim-3 4 Bellis Fair Pkwy, BellinghamElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington1810March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington10March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2011March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 215 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	14			Bellevue	
16 1710March 25, 2017Victim-3 4 Bellis Fair Pkwy, Bellinghamserver, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington18 19 20 20 2011March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington21 22 23 23 2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington24 25 26 2713April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington	15				
1710March 25, 20174 Bellis Fair Pkwy, BellinghamWashington, and Victim-3's computer system, located within the State of Washington1811March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington2011March 25, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	16			Victim-3	
17Bellinghamsystem, located within the State of Washington1811March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2011March 25, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2312March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	·	10	March 25, 2017		Washington, and Victim-3's computer
1911March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, IssaquahElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2212March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2513April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	17				system, located within the State of
1911March 25, 2017Victim-3 775 NW Gilman Blvd, Suite A, Issaquahserver, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2112March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2513April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located outside the State of Washington	18				
2011March 25, 2017775 NW Gilman Blvd, Suite A, IssaquahServer, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2112March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2513April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer	19			Victim-3	
20Blvd, Suite A, IssaquahSystem, located within the State of Washington2112March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington	·	11	March 25, 2017	775 NW Gilman	
21IssaquanWashington2212March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington2412March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, EverettElectronic communication between a server, located outside the State of Washington2413April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer	·		Waren 20, 2017		
2312March 27, 2017Victim-3 515 SE Everett Mall Way, Suite B, Everettserver, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington242513April 11, 2017Victim-3 22704 SE 4th St, Suite 210server, located outside the State of Washington2313April 11, 2017Victim-3 Suite 210server, located outside the State of Washington	21			Issaquah	
2312March 27, 2017515 SE Everett Mall Way, Suite B, EverettServer, located outside the State of Washington, and Victim-3's computer system, located within the State of Washington242513April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer Suite 210	22	6		Victim 2	Electronic communication between a
2412March 27, 2017Mall Way, Suite B, EverettWashington, and Victim-3's computer system, located within the State of Washington242513April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer	23	10			
24EverettSystem, located within the state of Washington252613April 11, 2017Victim-3 22704 SE 4th St, Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer		12	March 27, 2017		
252613Victim-3Electronic communication between a server, located outside the State of Washington, and Victim-3's computer2713April 11, 2017Victim-3 Suite 210Electronic communication between a server, located outside the State of Washington, and Victim-3's computer					
26Victim-32713April 11, 20172713April 11, 201727Suite 21027Suite 210	25				
27 13 April 11, 2017 22704 SE 4th St, Suite 210 Washington, and Victim-3's computer	26				
		13	April 11, 2017		Washington, and Victim-3's computer
Sammamish System, located within the State of	· []			-	system, located within the State of
28 Washington	28	L			Washington

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 15

			Email from
			oliver palmer@yahoo.com, which
14	April 11, 2017	Victim-4	traveled through a server located
17	April 11, 2017	Renton	outside the State of Washington, to
			Victim-4 employee, located within t
			State of Washington Electronic communication between
•		TT T T	merchant, located within the State of
15	March 10, 2017	Victim-5 Puyallup	Washington, and a payment process
		ruyanup	server, located outside the State of
			Washington
A	ll in violation of Title	18, United States Co	de, Section 1343.
· · · ·		<u>COUNT 16</u>	
(Conspiracy to Commit Computer Hacking)			
21. The allegations set forth in Paragraphs 1 through 20 of this Superseding			
Indictme	nt are re-alleged and	incorporated as if fully	y set forth herein.
I. O	FFENSE		
22	. Beginning at a ti	me unknown, but no l	ater than September 2015, and
continuin			Seattle, within the Western District of
· ·	and the second		/ICH FEDOROV, and others known
			willfully combine, conspire,
confedera	ite and agree together	to commit offenses a	gainst the United States, to wit:
	a. to knowin	igly and with intent to	defraud, access a protected computer
without a	uthorization and exce	ed authorized access	to a protected computer, and by
means of such conduct further the intended fraud and obtain anything of value exceeding			
\$5,000.00 in any 1-year period, in violation of Title 18, United States Code, Sections			
1030(a)(4) and (c)(3)(A); and			
		gly cause the transmis	ssion of a program, information,
code. and			, intentionally cause damage without
			se caused loss to one or more persons
· · · ·) in value and damage affecting 10 or
Supersedin	g Indictment / United State 004RSM - 16		UNITED STATES ATTORN 700 STEWART STREET, SUITE

No. CR18-004RSM - 16

1 more protected computers during a 1-year period, in violation of Title 18, United States
2 Code, Sections 1030(a)(5)(A) and (c)(4)(B)(i).

3

П.

OBJECTIVES OF THE CONSPIRACY

4 23. The objectives of the conspiracy included hacking into protected computer 5 networks using malware designed to provide the conspirators with unauthorized access 6 to, and control of, victim computer systems. The objectives of the conspiracy further 7 included conducting surveillance of victim computer networks and installing additional 8 malware on the victim computer networks for the purposes of establishing persistence, 9 and stealing payment card track data, financial information, and proprietary, private, and 10 non-public information, with the intention of using and selling such stolen items, either 11 directly or indirectly, for financial gain. The objectives of the conspiracy further 12 included installing malware that would integrate victim computers into a botnet that 13 allowed the conspiracy to control, alter, and damage compromised computers.

14 III. MANNER AND MEANS OF THE CONSPIRACY

15 24. The manner and means used to accomplish the conspiracy are set forth in
16 Paragraph 15 of Count 1 of this Superseding Indictment.

17 IV. OVERT ACTS

18 25. In furtherance of the conspiracy, and to achieve the objects thereof,
19 DMYTRO VALERIEVICH FEDOROV, and others known and unknown to the Grand
20 Jury, did commit and cause to be committed, the following overt acts, among others, in
21 the Western District of Washington and elsewhere:

a. Co-conspirator F.H. served as a high-level systems administrator for
FIN7 who maintained servers and communication channels used by the organization,
including administrating HipChat rooms and the uploading and organization of stolen
payment card data and malware. For example,

i. On or about March 14, 2016, co-conspirator F.H. uploaded to
a HipChat room shared with another FIN7 member an archive that contained numerous
data files containing payment card numbers stolen from a victim company that had

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 17

publicly reported a security breach that resulted in the loss of tens of thousands of
payment cards.

ii. On or about April 8, 2016, co-conspirator F.H. created a
HipChat room called "My_Files," to which he had exclusive access, and later uploaded
data for approximately 100 stolen payment cards.

6 iii. On or about July 19, 2016, co-conspirator F.H. posted in a
7 HipChat room accessible to other FIN7 members, files related to a victim company,
8 including multiple screenshots from one or more victim company computers that showed,
9 among other things, internal company information and an administrator password.

iv. On or about November 22, 2016, co-conspirator F.H.
uploaded to his "My_Files" HipChat room a file containing data for stolen payment
cards.

b. DMYTRO VALERIEVICH FEDOROV served as a high-level "pentester" (i.e., one tasked with finding vulnerabilities that an attacker may exploit) who
managed other pen-testers responsible for breaching the security of victims' computer
systems. For example,

i. DMYTRO VALERIEVICH FEDOROV created and
managed "issues" on FIN7's private JIRA server relating to intrusions of multiple victim
companies, including, but not limited to, Victim-7 and Victim-9, to which FIN7 members
shared and stored intrusion information and exfiltrated data.

ii. Using FIN7's private Jabber server, DMYTRO
 VALERIEVICH FEDOROV communicated under the alias "hotdima" with other FIN7
 members regarding his hacking efforts, and his payment for such efforts.

iii. DMYTRO VALERIEVICH FEDOROV accessed and
 controlled compromised computer systems through custom control panels.

26 c. The conspiracy compromised, illegally accessed, had unauthorized
27 communications with, and exfiltrated proprietary, private, and non-public victim data and

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 18

28

1 information from the computer systems of the Victim-1, a hotel and casino in the Western District of Washington. For instance,

2

3 On or about August 8, 2016, the conspiracy, directly and 4 through intermediaries, used the account just etravel@yahoo.com to send a phishing 5 email, with the subject "order," to an employee of Victim-1 located in Tacoma, 6 Washington, with an attached Microsoft Word document that contained malware. The 7 email contained materially false representations designed to induce the targeted employee 8 to open enable the malware, and compromise the computer system.

9 ii. On or about August 8, 2016, the conspiracy, directly and 10 through intermediaries, used the account frankjohnson@revital-travel.com to send a 11 phishing email, with the subject "order," to an employee of Victim-1 located in Tacoma, 12 Washington, with an attached Microsoft Word document that contained malware. The 13 email contained materially false representations designed to induce the targeted employee 14 to enable the malware, and compromise the computer system.

15 iii. Under the control of the conspiracy's malware, a 16 compromised computer of Victim-1 communicated with a command and control server 17 located in a foreign country. For instance, from August 8, 2016, to August 9, 2016, and 18 from August 24, 2016 to August 31, 2016, a compromised Victim-1 computer logged 19 approximately 3,639 communications with various URLs all starting with "revital-20 travel.com" at an IP address hosted in Russia.

21 d. The conspiracy compromised, illegally accessed, had unauthorized 22 communications with, and exfiltrated proprietary, private, and non-public victim data and 23 information from the computer systems of Victim-6, a restaurant chain with locations in 24 multiple states. For instance,

25 i. On or about August 25, 2016, the conspiracy, directly and 26 through intermediaries, used the account revital.trave1@yahoo.com to send a phishing 27 email to an employee of Victim-6, with an attached Microsoft Word document that 28 contained malware. The email contained materially false representations designed to

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 19

1 || induce the targeted employee to enable the malware, and compromise the computer
2 || system.

ii. On or about September 7, 2016, co-conspirator F.H. created
an "issue" on the conspiracy's private JIRA server specifically related to Victim-6. One
or more FIN7 members posted files containing internal credentials for the Victim-6
computer network.

7 e. The conspiracy compromised, illegally accessed, had unauthorized
8 communications with, and exfiltrated proprietary, private, and non-public victim data and
9 information from the computer systems of Victim-7, an automotive retail and repair chain
10 with hundreds of locations in multiple states, including Washington. For instance,

i. On or about January 18, 2017, a FIN7 member created an
"issue" on the conspiracy's private JIRA server specifically related to Victim-7. That
FIN7 member and DMYTRO VALERIEVICH FEDOROV posted results from several
network mapping tools used on Victim-7's internal network.

ii. On or about January 20, 2017, a FIN7 member posted
exfiltrated data, including multiple usernames and passwords with the title "Server
Passwords," to the Victim-7 JIRA "issue."

iii. On or about January 23, and January 24, 2017, DMYTRO
VALERIEVICH FEDOROV posted information about Victim-7's internal network and
uploaded a file containing multiple IP addresses and information about Victim-7's
servers to the Victim-7 JIRA "issue."

iv. On or about January 27, 2017, DMYTRO VALERIEVICH
FEDOROV uploaded to the Victim-7 JIRA "issue" a file containing over 1,000
usernames and passwords for generic company accounts and employee accounts. The
potentially compromised accounts related to approximately 700 Victim-7 locations
throughout the United States, including approximately 12 locations located in the state of
Washington.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 20

28

f. The conspiracy compromised, illegally accessed, had unauthorized
 communications with, and exfiltrated proprietary, private, and non-public victim data and
 information from the computer systems of Victim-2, a corporation headquartered in
 Seattle, Washington. For instance,

i. On or about February 21, 2017, the conspiracy, directly and
through intermediaries, used an account purporting to be filings@sec.gov (but actually
sent by secureserver.net) to send a phishing email to an employee of Victim-2 located in
Seattle, Washington, with an attached Microsoft Word document that contained malware.
The email falsely purported to relate to a corporate filing with the SEC and contained
materially false representations designed to induce the targeted employee to open the file,
enable the malware, and compromise the computer system.

ii. From on or about February 21, 2017, to approximately
March 3, 2017, the conspiracy illegally accessed and had communications with the
computer systems of Victim-2 located in Seattle, Washington. For instance, between
about February 23, 2017, and February 24, 2017, the victim computer made outgoing
connections to and transferred internal data, without authorization, to an IP address
located in a foreign country.

iii. On or about February 24, 2017, a FIN7 member posted to a
JIRA "issue" created for Victim-2, a screenshot from the targeted employee's computer
at Victim-2, which showed, among other things, an internal Victim-2 webpage available
only to employees with a valid user account.

iv. Similarly, a FIN7 member posted to the Victim-2 JIRA
"issue" a text file containing the usernames and passwords of the targeted Victim-2
employee, including his/her personal email account, LinkedIn account, and personal
investment and financial institution accounts.

g. The conspiracy compromised, illegally accessed, had unauthorized
communications with, and exfiltrated proprietary, private, and non-public victim data and
information from the computer systems of Victim-3, a restaurant chain with thousands of

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 21

locations, including the State of Washington. From approximately March 24, 2017 to
 April 18, 2017, the conspiracy accessed computer systems of Victim-3 and implanted
 malware designed to harvest payment card data from cards used on point-of-sale devices
 at restaurant locations nationwide, including approximately 33 locations within the
 Western District of Washington.

h. The conspiracy compromised, illegally accessed, had unauthorized
communications with, and exfiltrated proprietary, private, and non-public victim data and
information from the computer systems of Victim-8, a restaurant chain with hundreds of
locations in multiple states, including Washington. For instance,

i. On or about March 27, 2017, the conspiracy, directly and
through intermediaries, used the account ray.donovan84@yahoo.com, to send a phishing
email to a Victim-8 employee, with an attached Microsoft Word document that contained
malware. The email falsely purported to convey a customer complaint and contained
additional materially false representations designed to induce the targeted employee to
enable the malware, and compromise the computer system.

ii. On or about March 29, 2017, a FIN7 member created an
"issue" on the conspiracy's private JIRA server specifically related to Victim-8 and
posted results from several network mapping tools used on Victim-8's internal network.

iii. On or about March 31, 2017, a FIN7 member posted a link to
the point-of-sale software management solution used by Victim-8, and a username and
password to the Victim-8 JIRA "issue." The software management tool allows a
company to manage point-of-sale systems at multiple locations. The FIN7 member also
uploaded several screenshots presumably from one or more victim computers at Victim8, which showed, among other things, the user logged into Victim-8's account for the
software management tool.

iv. On or about April 6, 2017, a FIN7 member uploaded to the
Victim-8 JIRA "issue" a file containing hundreds of usernames and passwords for
approximately 798 Victim-8 locations, including 37 locations located in the State of

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 22

Washington. The file included network information, telephone communications, and
 locations of alarm panels within restaurants.

v. On or about April 7, 2017, a FIN7 member uploaded to the Victim-8 JIRA "issue" a similar file containing numerous usernames and passwords for Victim-8 locations.

vi. On or about May 5, 2017, a FIN7 member uploaded to the Victim-8 JIRA "issue" a file containing file directories on a compromised computer.

vii. On or about May 8, 2017, a FIN7 member uploaded to the
Victim-8 JIRA "issue" exfiltrated files related to a password management system from a
compromised computer, which contained the credentials, usernames, and passwords of a
particular employee.

viii. On or about May 15, 2017, a FIN7 member uploaded to the
Victim-8 JIRA "issue" screenshots of a compromised computer that showed the
employee accessing Victim-8's security infrastructure management software using that
same employee's credentials.

i. The conspiracy compromised, illegally accessed, had unauthorized
communications with, and exfiltrated proprietary, private, and non-public victim data and
information from the computer systems of one or more locations of Victim-9, a fast-food
restaurant chain with thousands of locations throughout the United States, including
Washington. For instance,

i. On various dates, the conspiracy, directly and through
intermediaries, sent phishing emails with an attached file that contained malware to
multiple Victim-9 locations. For instance, on or about April 7, 2017, the conspiracy used
the account oliver_palmer@yahoo.com to send a phishing email to a Victim-9 location in
the State of Oregon. The email contained materially false representations designed to
induce the targeted employee to open the file, enable the malware, and compromise the
computer system.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 23

3

4

5

6

7

28

ii. On or about April 5, 2017, DMYTRO VALERIEVICH
 FEDOROV created an "issue" on the conspiracy's private JIRA server specifically
 related to Victim-9. One or more FIN7 members posted usernames and passwords for
 Victim-9 locations, including a Victim-9 location in Vancouver, Washington.

j. The conspiracy compromised, illegally accessed, had unauthorized communications with, and exfiltrated proprietary, private, and non-public victim data and information from the computer systems of one or more locations of Victim-4, a pizza parlor chain with hundreds of locations, including in Washington. For instance,

i. On or about April 11, 2017, the conspiracy, directly and
through intermediaries, used the account oliver_palmer@yahoo.com, to send a phishing
email, with the subject "claim," to an employee of a Victim-4 located in Renton,
Washington, with an attached Rich Text Format (.rtf) document that contained malware.
The email falsely purported to convey a customer complaint and contained additional
materially false representations designed to induce the targeted employee to enable the
malware, and compromise the computer system.

ii. On or about April 11, 2017, the conspiracy, directly and
through intermediaries, used the account oliver_palmer@yahoo.com, to send a phishing
email, with the subject "claim," to an employee of a Victim-4 located in Vancouver,
Washington, with an attached Rich Text Format (.rtf) document that contained malware.
The email falsely purported to convey a customer complaint and contained additional
materially false representations designed to induce the targeted employee to enable the
malware, and compromise the computer system.

23 iii. On or about May 25, 2017, the conspiracy, directly and
24 through intermediaries, used the account Adrian.1987clark@yahoo.com, to send a
25 phishing email, with the subject "takeout order," to an employee of a Victim-4 located in
26 or around Spokane, Washington, with an attached Rich Text Format (.rtf) document that
27 contained malware. The email falsely stated that the sender had a large takeout order and

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 24

5

6

7

8

28

1 contained additional materially false representations designed to induce the targeted
2 employee to enable the malware, and compromise the computer system.

k. The conspiracy compromised, illegally accessed, had unauthorized
communications with, and exfiltrated proprietary, private, and non-public victim data and
information from the computer systems of one or more locations of Victim-10, a fastfood restaurant chain with hundreds of locations in various states, including Washington.
For instance,

i. On or about May 24, 2017, a FIN7 member created an "issue"
on the conspiracy's private JIRA server specifically related to Victim-10. One or more
FIN7 members posted information relating to the intrusion of computer systems and
exfiltrated data, including files containing passwords and screenshots from one or more
compromised computers.

ii. On or about June 12, 2017, the conspiracy, directly and
through intermediaries, used the account Adrian.1987clark@yahoo.com, to send a
phishing email, with the subject "order.catering," to an employee of a Victim-10 located
in Iowa, with an attached Rich Text Format (.rtf) document that contained malware. The
email falsely stated that the sender had a catering order for the following day and
contained additional materially false representations designed to induce the employee to
enable the malware, and compromise the computer system.

iii. From on or about June 12, 2017, to a date unknown, the
conspiracy illegally accessed and had communications with the computer systems of the
Victim-10 located in Iowa. For instance, the conspiracy transferred, without
authorization, the proprietary, private, and non-public victim data and information,
including usernames and passwords, to a JIRA server managed by FIN7, located in a
foreign country.

26 27 28

All in violation of Title 18, United States Code, Section 371.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 25

COUNTS 17 - 19

(Accessing a Protected Computer in Furtherance of Fraud)

26. The allegations set forth in Paragraphs 1 through 25 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

5 27. On or about the dates listed below, within the Western District of 6 Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known and unknown to the Grand Jury, knowingly and with intent to defraud accessed a 8 protected computer without authorization and in excess of authorized access, and by means of such conduct furthered the intended fraud and obtained something of value, specifically, payment card data and proprietary and non-public information, whereby the object of the fraud and the thing obtained consisted of more than the use of the computers and the value of such use was more than \$5,000 in a 1-year period, as listed below:

13

1

2

3

4

7

9

10

11

12

14 15

16

17

18

19

20

21

17	August 8, 2016 through October 4, 2016	Victim-1
18	February 21, 2017 through March 3, 2017	Victim-2
19	March 24, 2017 through April 18, 2017	Victim-3

All in violation of Title 18, United States Code, Sections 1030(a)(4), 1030(b), 1030(c)(3)(A) and 2.

COUNTS 20 - 22

(Intentional Damage to a Protected Computer)

28. The allegations set forth in Paragraphs 1 through 27 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

22 29. On or about the dates listed below, within the Western District of 23 Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known 24 and unknown to the Grand Jury, knowingly caused the transmission of a program, 25 information, code, and command, and as a result of such conduct, intentionally caused 26 damage without authorization, to a protected computer, specifically, the protected 27 computer system of the victim listed below, and the offense caused (i) loss to one or more 28

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 26

1 persons during a 1-year period aggregating at least \$5,000.00 in value and (ii) damage 2 affecting 10 or more protected computers during a 1-year period:

20	August 8, 2016 through October 4, 2016	Victim-1
21	February 21, 2017 through March 3, 2017	Victim-2
22	March 24, 2017 through April 18, 2017	Victim-3

All in violation of Title 18, United States Code, Sections 1030(a)(5)(A), 1030(b), 1030(c)(4)(B), and 2.

COUNT 23

(Access Device Fraud)

30. The allegations set forth in Paragraphs 1 through 29 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

12 31. Beginning at a time unknown, and continuing through on or after 13 January 17, 2018, within the Western District of Washington, and elsewhere, DMYTRO 14 VALERIEVICH FEDOROV, and others known and unknown to the Grand Jury, 15 knowingly and with intent to defraud, possessed fifteen or more counterfeit and 16 unauthorized access devices, namely, payment card data, account numbers, and other 17 means of account access that can be used, alone and in conjunction with another access 18 device, to obtain money, goods, services, and any other thing of value, and that can be 19 used to initiate a transfer of funds; said activity affecting interstate and foreign commerce 20 All in violation of Title 18, United States Code, Sections 1029(a)(3), 1029(b)(1), 21 1029(c)(1)(A), and 2. 22

COUNT 24

(Aggravated Identity Theft)

24 32. The allegations set forth in Paragraphs 1 through 31 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

26 33. Beginning at a time unknown, but no earlier than on or about February 21, 27 2017, and no later than March 3, 2017, and continuing through on or after November 21, 28 2017, at Seattle, within the Western District of Washington, and elsewhere, DMYTRO

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 27

3

4

5

6

7

8

9

10

11

23

25

1 | VALERIEVICH FEDOROV, and others known and unknown to the Grand Jury, did 2 knowingly transfer, possess, and use, without lawful authority, a means of identification 3 of another person, to wit: the name, username, and password of a real person, J.Q., an 4 employee of Victim-2, during and in relation to a felony violation enumerated in 18 5 U.S.C. § 1028A(c), that is, conspiracy to commit wire and bank fraud, in violation of 18 U.S.C. § 1349, as charged in Count 1, and wire fraud, in violation of 18 U.S.C. § 1343, as 6 7 charged in Counts 5 and 6, knowing that the means of identification belonged to another 8 actual person.

All in violation of Title 18, United States Code, Sections 1028A(a) and 2.

COUNT 25

(Aggravated Identity Theft)

12 34. The allegations set forth in Paragraphs 1 through 33 of this Superseding 13 Indictment are re-alleged and incorporated as if fully set forth herein.

14 35. Beginning at a time unknown, but no later than on or about May 8, 2017, and continuing through on or after November 21, 2017, within the Western District of 15 16 Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known 17 and unknown to the Grand Jury, did knowingly transfer, possess, and use, without lawful 18 authority, a means of identification of another person, to wit: the name, employee 19 credentials, username, and password of a real person, N.M., an employee of Victim-8, 20 during and in relation to a felony violation enumerated in 18 U.S.C. § 1028A(c), that is, 21 conspiracy to commit wire and bank fraud, in violation of 18 U.S.C. § 1349, as charged 22 in Count 1, knowing that the means of identification belonged to another actual person. 23 All in violation of Title 18, United States Code, Sections 1028A(a) and 2.

COUNT 26

(Aggravated Identity Theft)

26 36. The allegations set forth in Paragraphs 1 through 35 of this Superseding Indictment are re-alleged and incorporated as if fully set forth herein.

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 28

9

10

11

24

25

27

28

1 37. Beginning at a time unknown, but no later than on or about January 27, 2017, and continuing through on or after November 21, 2017, within the Western District of Washington, and elsewhere, DMYTRO VALERIEVICH FEDOROV, and others known and unknown to the Grand Jury, did knowingly transfer, possess, and use, without lawful authority, a means of identification of another person, to wit: the name, username, and password of real persons, B.C., C.H., E.L., J.M., A.P, R.O., T.T., and L.D., employees of Victim-7, during and in relation to a felony violation enumerated in 18 U.S.C. § 1028A(c), that is, conspiracy to commit wire and bank fraud, in violation of 18 U.S.C. § 1349, as charged in Count 1, knowing that the means of identification belonged to another actual person.

11

2

3

4

5

6

7

8

9

10

12

All in violation of Title 18, United States Code, Sections 1028A(a) and 2.

FORFEITURE ALLEGATION

13 38. The allegations contained in Counts 1 through 15 of this Superseding 14 Indictment are hereby realleged and incorporated by reference for the purpose of alleging 15 forfeitures pursuant to Title 18, United States Code, Section 981(a)(1)(C) and Title 28, United States Code, Section 2461(c). Upon conviction of any of the offenses charged in 16 ·17 Counts 1 through 15, the defendant, DMYTRO VALERIEVICH FEDOROV, shall 18 forfeit to the United States any property, real or personal, which constitutes or is derived 19 from proceeds traceable to such offenses, including but not limited to a judgment for a 20 sum of money representing the property described in this paragraph.

21 39. The allegations contained in Counts 16 through 22 of this Superseding 22 Indictment are hereby realleged and incorporated by reference for the purpose of alleging 23 forfeitures pursuant to Title 18, United States Code, Sections 982(a)(2)(B) and 1030(i). 24 Upon conviction of any of the offenses charged in Counts 16 through 22, the defendant, 25 DMYTRO VALERIEVICH FEDOROV, shall forfeit to the United States any property 26 constituting, or derived from, proceeds the defendant obtained, directly or indirectly, as 27 the result of such offenses, and shall also forfeit the defendant's interest in any personal 28 property that was used or intended to be used to commit or to facilitate the commission of

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 29

1 such offenses, including but not limited to a judgment for a sum of money representing 2 the property described in this paragraph.

3 40. The allegations contained in Count 23 of this Superseding Indictment are 4 hereby realleged and incorporated by reference for the purpose of alleging forfeitures 5 pursuant to Title 18, United States Code, Sections 981(a)(1)(C) and 1029(c)(1)(C), and 6 Title 28, United States Code, Section 2461(c). Upon conviction of the offense charged in 7 Count 23, the defendant, DMYTRO VALERIEVICH FEDOROV, shall forfeit to the 8 United States any property, real or personal, which constitutes or is derived from 9 proceeds traceable to such offense, and shall also forfeit any personal property used or intended to be used to commit such offense, including but not limited to a judgment for a 10 11 sum of money representing the property described in this paragraph.

(Substitute Assets)

41. If any of the property described above, as a result of any act or omission of

the defendant:

a.

c.

d.

e.

cannot be located upon the exercise of due diligence;

b. has been transferred or sold to, or deposited with, a third party;

has been placed beyond the jurisdiction of the court;

has been substantially diminished in value; or

has been commingled with other property which cannot be divided without difficulty,

24

25

26

27

28

 $^{\prime\prime}$

 \parallel

12

13

14

15

16

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 30

the United States of America shall be entitled to forfeiture of substitute property pursuant
 to Title 21, United States Code, Section 853(p), as incorporated by Title 28, United States
 Code, Section 2461(c).

A TRUE BILL: DATED:

1.25.18

(Signature of Foreperson redacted pursuant to policy of the Judicial Conference) FOREPERSON

8 9 10 7/ $\wedge \Lambda \Lambda$ ANNETTE L. HA United States Attorne 12 13 14 ANDREW C. FRIEDMAN Assistant United States Attorney 15 16 17 FRANCIS FRANZE/NAKAMURA 18 Assistant United States Attorney 19 20 STEVEN MASADA 21 Assistant United States Attorney 22 23 24 ANTHONY TEELUCKSINGH 25 **Trial Attorney** Computer Crime and Intellectual Property Section 26 27 28

4

5

6

7

Superseding Indictment / United States v. Fedorov No. CR18-004RSM - 31