# EXHIBIT 29

## IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF VIRGINIA Alexandria Division

MICROSOFT CORPORATION, a Washington corporation, and FS-ISAC, INC., a Delaware corporation,  Plaintiffs,	) ) ) Civil Action No: 1:15-cv-240-LMB/IDC
v.	) }
JOHN DOES 1-3 CONTROLLING A COMPUTER BOTNET THEREBY INJURING PLAINTIFFS AND THEIR CUSTOMERS AND MEMBERS,	) ) ) )
Defendants.	

#### PRELIMINARY INJUNCTION ORDER

Plaintiffs Microsoft Corp. ("Microsoft") and Financial Services – Information Sharing And Analysis Center, Inc. ("FS-ISAC") (collectively "Plaintiffs") have filed a complaint for injunctive and other relief pursuant to: (1) the Computer Fraud and Abuse Act (18 U.S.C. § 1030); (2) the Electronic Communications Privacy Act (18 U.S.C. § 2701); (3) the Lanham Act (15 U.S.C. §§ 1114(a)(1), 1125(a), (c)); and (4) the common law of trespass, unjust enrichment and conversion. Plaintiffs seek a preliminary injunction should not be granted pursuant to Rule 65(b) of the Federal Rules of Civil Procedure, 15 U.S.C. § 1116(a) (the Lanham Act), and 28 U.S.C. § 1651(a) (the All-Writs Act). On February 20, 2015, the Court issued a temporary restraining order and order to show cause why an injunction should not issue. Defendants have not responded to the Court's order to show cause.

# FINDINGS OF FACT AND CONCLUSIONS OF LAW

Having reviewed the papers, declarations, exhibits, memorandum, and all other pleadings and papers relevant to Plaintiffs' request for a Preliminary Injunction, the Court hereby makes the following findings of fact and conclusions of law:

- 1. This Court has jurisdiction over the subject matter of this case and there is good cause to believe that it will have jurisdiction over all parties hereto; the Complaint states a claim upon which relief may be granted against Defendants John Does 1-3 ("Defendants") under the Computer Fraud and Abuse Act (18 U.S.C. § 1030), Electronic Communications Privacy Act (18 U.S.C. § 2701), the Lanham Act (15 U.S.C. §§ 1114, 1125) and the common law of trespass to chattels, unjust enrichment and conversion.
- Defendants have not responded to the Court's February 20, 2015 Order to Show

  Cause.
- 3. There is good cause to believe that Defendants have engaged in and are likely to engage in acts or practices that violate the Computer Fraud and Abuse Act (18 U.S.C. § 1030), Electronic Communications Privacy Act (18 U.S.C. § 2701), the Lanham Act (15 U.S.C. §§ 1114, 1125) and constitute trespass to chattels, unjust enrichment and conversion, and that Plaintiffs are, therefore, likely to prevail on the merits of this action;
- 4. Microsoft owns the registered trademarks "Internet Explorer," "Microsoft," and "Windows" used in connection with its services, software and products. FS-ISAC's member organizations have invested in developing their brands, trademarks, and trade names in association with the financial services they offer.
- 5. There is good cause to believe that, unless Defendants are restrained and enjoined by Order of this Court, immediate and irreparable harm will result from the Defendants' ongoing violations. The evidence set forth in Plaintiffs' Brief in Support of Application for a Temporary Restraining Order and Order to Show Cause Re Preliminary Injunction ("TRO Application"), and the accompanying declarations and exhibits, demonstrates that Plaintiffs are

likely to prevail on their claim that Defendants have engaged in violations of the foregoing law by:

- a. intentionally accessing and sending malicious software to the protected computers and operating systems of the customers or associated member organizations of Microsoft and FS-ISAC, without authorization or exceeding authorization, in order to infect those computers and make them part of the computer botnet known as the "Ramnit" botnet (the "botnet");
- b. sending malicious code to configure, deploy and operate a botnet;
- deploying computers and Internet domains to establish a command and control infrastructure for a botnet;
- d. using the command and control servers and Internet domains to actively manage and control a botnet for illegal purposes;
- e. intercepting Plaintiffs' webpages and altering them to deceptively induce victims to enter sensitive credentials, while falsely indicating that the webpages are created or approved by Plaintiffs or Plaintiffs' member organizations;
- f. stealing personal and financial account information and files from computer users; and
- g. using stolen information to steal money from the financial accounts of those users.
- 6. There is good cause to believe that if such conduct continues, irreparable harm will occur to Plaintiffs, Plaintiffs' customers and member organizations, and the public. There is good cause to believe that the Defendants will continue to engage in such unlawful actions if not immediately restrained from doing so by Order of this Court;
- 7. There is good cause to believe that immediate and irreparable damage to this Court's ability to grant effective final relief will result from the sale, transfer, or other disposition or concealment by Defendants of botnet command and control software that is

hosted at and otherwise operates through the Internet domains listed in Appendix A to this Order ("Appendix A") and from the destruction or concealment of other discoverable evidence of Defendants' misconduct available via those domains, including on user computers infected with Ramnit, if Defendants receive advance notice of this action. Based on the evidence cited in Microsoft's TRO Application and accompanying declarations and exhibits, Plaintiffs are likely to be able to prove that:

- Defendants are engaged in activities that directly violate United States law and harm Plaintiffs and the public, including Plaintiffs' customers and member-organizations;
- Defendants have continued their unlawful conduct despite the clear injury to the foregoing interests;
- c. Defendants are likely to delete or to relocate the botnet command and control software at issue in Plaintiffs' TRO Application and the harmful, malicious, and trademark infringing software disseminated through the Internet domains listed in Appendix A;
- d. Defendants are likely to issue a "kill" command to computers infected with Ramnit botnet malware, thereby damaging them irreparably and making any evidence on them irretrievable; and
- e. Defendants are likely to warn their associates engaged in such activities if informed of Plaintiffs' action.
- 8. Plaintiffs' request for this preliminary injunction is not the result of any lack of diligence on Plaintiffs' part, but instead based upon the nature of Defendants' unlawful conduct. Therefore, in accordance with Fed. R. Civ. P. 65(b), 15 U.S.C. § 1116(a) and 28 U.S.C. § 1651(a), good cause and the interest of justice require that this Order be Granted;
- 9. There is good cause to believe that Defendants have specifically directed their activities to computers of Plaintiffs' customers and member organizations located in the Eastern District of Virginia, have engaged in illegal activity using the Internet domains identified in

Appendix A to this Order by directing malicious botnet code and content to said computers of Plaintiffs' customers and member organizations, to further perpetrate their fraud on Plaintiffs' customers and member organizations. There is good cause to believe that Defendants have directed said malicious botnet code and content through certain instrumentalities – specifically the domain registration facilities of the domain registries identified in Appendix A.

- 10. There is good cause to believe that Defendants have engaged in illegal activity by using the domain registration facilities of the domain registries identified in Appendix A to register the Internet domains identified in Appendix A, so as to deliver from those domains the malicious botnet code, content, and commands that Defendants use to maintain and operate the botnet to the computers of Plaintiffs' customers and member organizations, and to receive the information stolen from those computers.
- I1. There is good cause to believe that Defendants have engaged in illegal activity by using deceptive and fake methods to steal computer users' login and/or financial account credentials and to use such credentials to steal funds from such users.
- 12. There is good cause to believe that to immediately halt the injury caused by Defendants, Defendants must be prohibited from sending malicious botnet code, content and commands from the Internet domains identified in Appendix A to computers of Plaintiffs' customers.
- 13. There is good cause to believe that Defendants have engaged in illegal activity using the Internet domains identified in Appendix A to host the command and control software and content used to maintain and operate the botnet. There is good cause to believe that to immediately halt the injury caused by Defendants, each of Defendants' current and prospective domains set forth in Appendix A must be immediately redirected to the Microsoft-secured name-servers named NS11 microsoftinternetsafety net, thus making them inaccessible to Defendants for command and control purposes.
- 14. There is good cause to believe that Defendants will routinely update the Internet domains associated with the Ramnit Botnet, and that Plaintiffs may identify and update the

domains listed in Appendix A as may be reasonably necessary to account for additional Internet domains associated with the Ramnit Botnet, as this case proceeds.

Summons, Complaint, and all other pleadings by formal and alternative means, given the exigency of the circumstances and the need for prompt relief. The following means of service are authorized by law, satisfy Due Process, and satisfy Fed. R. Civ. P. 4(f)(3) and are reasonably calculated to notify Defendants of the instant order, the Preliminary Injunction hearing and of this action: (1) by personal delivery upon Defendants who provided accurate contact information in the U.S., if any, (2) personal delivery through the Hague Convention on Service Abroad or similar treaties upon defendants who provided accurate contact information in foreign countries that are signatory to such treaties, if any, (3) transmission by email, facsimile, mail and/or personal delivery to the contact information provided by Defendants to their domain registrars and hosting companies and as agreed to by Defendants in their domain registration and/or hosting agreements, (4) publishing notice on a publicly available Internet website and/or in newspapers in the communities where Defendants are believed to reside.

## PRELIMINARY INJUNCTION

IT IS THEREFORE ORDERED that, Defendants, their representatives and persons who are in active concert or participation with them are temporarily restrained and enjoined from: (1) intentionally accessing and sending malicious software or code to Plaintiffs and the protected computers and operating systems of Plaintiffs' customers and associated member organizations, without authorization, in order to infect those computers and make them part of any botnet, (2) sending malicious code to configure, deploy and operate a botnet, (3) intercepting and altering Plaintiffs webpages such that they falsely indicate that they are associated with or approved by Plaintiffs or Plaintiffs' member organizations; (4) configuring, deploying, operating, or otherwise participating in or facilitating the botnet described in the TRO Application, including but not limited to the command and control software hosted at and operating through the Internet domains set forth in Appendix A and through any other

component or element of the botnet in any location; (5) stealing information, money, or property from Plaintiffs, Plaintiffs' customers, or Plaintiffs' member organizations; (6) misappropriating that which rightfully belongs to Plaintiffs, their customers, or their associated member organizations or in which Plaintiffs, their customers, or their associated member organizations has a proprietary interest; or (7) undertaking any similar activity that inflicts harm on Plaintiffs, Plaintiffs' customers or member associations, or the public.

IT IS FURTHER ORDERED that, Defendants, their representatives and persons who are in active concert or participation with them are temporarily restrained and enjoined from (1) using and infringing Microsoft's trademarks, including specifically Microsoft's registered trademarks "Internet Explorer," "Microsoft" or "Windows," bearing registration numbers 2872708, 2463526 and 2277112; the trademarks of financial institution members of FS-ISAC and/or other trademarks, trade names, service marks, or Internet Domain addresses or names; (2) using in connection with Defendants' activities, products or services any false or deceptive designation, representation or description of Defendants' or of their activities, whether by symbols, words, designs or statements, which would damage or injure Plaintiffs or their member organizations or give Defendants an unfair competitive advantage or result in deception of consumers; or (3) acting in any other manner which suggests in any way that Defendants' activities, products or services come from or are somehow sponsored by or affiliated with Plaintiffs, or passing off Defendants' activities, products or services as Plaintiffs' or their member organizations.

IT IS FURTHER ORDERED that, with respect to any <u>currently registered</u> Internet domains set forth in Appendix A, the domain registries located in the United States shall take the following actions:

- A. Maintain unchanged the WHOIS or similar contact and identifying information as of the time of receipt of this Order and maintain the domains with the current registrar;
- B. The domains shall remain active and continue to resolve in the manner set forth in this Order;

- C. Prevent transfer or modification of the domains by Defendants or third parties at the registrar;
- D. The domains shall be redirected to secure servers by changing the authoritative name servers to NS11.microsoftinternetsafety.net and NS12.microsoftinternetsafety.net and, as may be necessary, the IP address associated with name server or taking other reasonable steps to work with Microsoft to ensure the redirection of the domains and to ensure that Defendants cannot use them to control the botnet.
- E. Take all steps required to propagate to the foregoing changes through the DNS, including domain registrars;
- F. Preserve all evidence that may be used to identify the Defendants using the domains.

IT IS FURTHER ORDERED that, with respect to any domains set forth in Appendix A that are <u>currently unregistered</u>, the domain registries and registrars located in the United States shall take the following actions:

- A. Transfer the domains to the control of Microsoft, such that Microsoft is the registrant with control over hosting and administration of the domains. Domains should be transferred to Microsoft's account at the sponsoring registrar MarkMonitor.
- B. The WHOIS registrant, administrative, billing and technical contact and identifying information should be the following:

Domain Administrator Microsoft Corporation One Microsoft Way Redmond, WA 98052 United States Phone: +1.4258828080 Facsimile: +1.4259367329 domains@microsoft.com

- C. The domains shall be made active and shall resolve in the manner set forth in this order or as otherwise specified by Microsoft.
  - D. The domains shall be assigned the authoritative name servers

NS11 microsoftinternetsafety net and NS12 microsoftinternetsafety net and, as may be necessary, the IP address associated with name servers or taking such other reasonable steps to work with Microsoft to ensure that the domains and subdomains are put within Microsoft's control, and to ensure that Defendants cannot use them to control the botnet.

IT IS FURTHER ORDERED that copies of this Order and all other pleadings and documents in this action may be served by any means authorized by law, including (1) by personal delivery upon Defendants who provided accurate contact information in the U.S., if any; (2) personal delivery through the Hague Convention on Service Abroad or similar treaties upon defendants who provided accurate contact information in foreign countries that are signatory to such treaties, if any, (3) transmission by email, facsimile, mail and/or personal delivery to the contact information provided by Defendants to their domain registrars and/or hosting companies and as agreed to by Defendants in their domain registration and/or hosting agreements, (4) publishing notice on a publicly available Internet website and/or in newspapers in the communities where Defendants are believed to reside.

IT IS FURTHER ORDERED that Plaintiffs may identify and update the domains in Appendix A to this Order as may be reasonably necessary to account for additional Internet domains associated with the Ramnit Botnet, as this case proceeds.

IT IS SO ORDERED

Entered this 4 day of March, 2015

Leonie M. Brinkema

United States District Judge

#### APPENDIX A

## REGISTRY FOR .COM DOMAINS

Verisign Naming Services 21345 Ridgetop Circle 4th Floor Dulles, Virginia 20166 United States

Verisign Global Registry Services 12061 Bluemont Way Reston Virginia 20190 United States

# CURRENTLY REGISTERED . COM DOMAINS

anxsmqyfy.com
campbrusderapp.com
jhghrlufoh.com
khllpmpmare.com
knpqxlxcwtlvgrdyhd.com
nvlyffua.com
ppyblaohb.com
riaaiysk.com
santabellasedra.com
tqjhvylf.com
vrndmdrdrjoff.com
egopuefrdsefc.com
vfrpojablskkqrx.com
fycecyuksgjfxy.com

# **DEFENDANTS JOHN DOES 1 - 3 CONTACT INFORMATION**

caewoodydr@uymail.com
campmorgenapp@arcticmail.com
carmiller@mail.com
redswoodster@engineer.com
gromsmoothe@arcticmail.com
egopuefrdsefc.com@domainsbyproxy.com
vfrpojablskkqrx.com@domainsbyproxy.com
fycecyuksgjfxy.com@domainsbyproxy.com.

## UNREGISTERED .COM BACKUP DOMAINS GENERATED BY BOTNET

acuhjbadvnmhthwnlxv.com advvpbrtyw.com aflgqgddfi.com apbhwiohxqbvoxlumdh.com apkdwbwdpickk.com aprocqhqmmkl.com asdldoqoolcgm.com aufdlogixlqoxxlepp.com

avxvatwmxwbyiepwmwo.com ayketyjlsaeu.com bltolwbwychlyt.com bmaucdrfpmnh.com bmjjksysowdwmoy.com bmjvrxrqpkiwdrdv.com bpiwebgqddyvgcnigh.com briujbxmkjeusvslrln.com bseboouatanfddgbrdv.com bvqdvfihwnaja.com cbxyvrxewvlnxhkadfg.com ccylbclg.com cgwootylkoyxe.com cjagpjgd.com ckgvnbwdywbxvlnk.com clkcdjimyylwib.com cqvylephudwsugihge.com croxxnrtyrqt.com cubbjlgw.com cyanlywkuatymw.com dbygksqtu.com dfalxqubjhl.com dfvxuvljbykia.com dhfejwhoj.com dledwgrxiiqspx.com dnqiposxrelhqplwli.com duhiqituiokycypi.com dwbdecmppklvbevtjq.com dwksmbrq.com dxktegertgbgeeoi.com dxxteubknwecsdutlp.com ealxbraobohxb.com ebrfovrs.com ecsgmpariu.com edvxemrsvvycwt.com eipvatwwexl.com ejfrcfwdbsaahtdt.com emlxeyirx.com emxwiwdcb.com ersbvvdxamjotwpm.com etjdsnjpvb.com euvyalbkwahxxjn.com evrlsscrxvmd.com exmfhgyv.com eyvvpstmcwwvsyjtif.com facmttijedg.com

fgcdhqgcdomle.com fijdmkqvralmgorinlc.com fkcfkcygpldjcr.com fmdjnmskmjhjq.com fmjboahxkasxdl.com fmqegimr.com fsxgwfwychumrgrmhwo.com fuogemhewger.com fvkcrcflhy.com fxngienbgebck.com gaqqerty.com gbcpynphvropsyu.com gdekatkijihi.com gmsxrgagrfgivh.com gqnoupteuivrwte.com grbfrnxxej.com gtiswnukb.com guifymdmxi.com gunqwxgyrl.com gwmjxjuegme.com gwnppapgwhntidegx.com hajqfvvqjkkaejwi.com hjahmduyebf.com hjvlshecwshpfxwfl.com hllcololi.com hlinakmxmgovh.com hlrsxidakvl.com hoegosgeicddv.com hqskceeltysbbnc.com hvklxvhkmfsdgd.com hvyfjiqdlwhnlrpaa.com hwruuink.com ibvtknxochoyjidm.com icaxkusbfdwhy.com ifbomanec.com ijfwbyvcirepgd.com ikkjigbqgts.com ilpvrpxwfauqaxyq.com imvfakaudg.com iqhafgpvsrj.com ixwnsfmyg.com iylelocfjsj.com iherklijcsloepd.com jhfykbugtthmdkgga.com jhrqfnrlpyvo.com jjdvasey.com

jkgvbneenmrbklortr.com ikyyolccxfy.com imesrbwtciev.com immurxyktxvegsxid.com injilojgnvxesr.com jvmckcospyqedcsjny.com jycxmcdof.com jymqfxgwfhyns.com kavkwpjdndsk.com kcilhmeperym.com kdjsnsre.com kdkdpwql.com kjpsjoxqsutgewlrah.com kuwkdqstblavept.com kvcovjrpsb.com kvfkfxakmqoof.com kynknfyngikfno.com kyskhoopsmkbmenau.com labxpyvjtwuiijwghie.com lcqavndroo.com lehmgspxp.com liedickipkehqxwtdl.com llgnygbahv.com llurxdkpkbvjx.com lorwmtrf.com lpivbutq.com lpvdauemfexnvoyh.com lsvnoumbqcsjl.com ltrpfybf.com luvrqdhavhxcbtc.com lvqdhrqhfxlsglkf.com lvrjjmbdtfapwev.com lwnggpwijlvyagmu.com lybfxrtkcdkbbgr.com lyftposyknpigp.com lyvxrtpkchmddb.com lyxbotuappfreadkfk.com mbpnjenhxgcimx.com mchpmdywgs.com mfnaqngqorgbxbnsc.com mhuvivlyndmsx.com mioghgymdugicvoey.com mkdnthyiqlq.com mktxegrucbkv.com mlgdwljfmnkt.com mgoicxmnnxv.com

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