DigitalArts

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Digital Arts Inc.

≪Targeted Attacks in the Workplace: Awareness & Reality (#2)≫
〜Survey for system admins and corporate employees across the nation〜

45.3% of employees are aware that their workplace can be subjected to targeted attacks; 75.0% of system admins desire tighter security
〜58.4% of system admins alarmed against leak of customer information
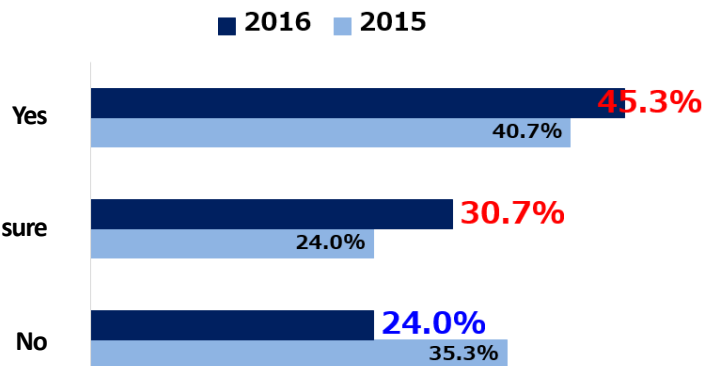but less than 30% are aware of other types of data leak〜

TOKYO, Japan (January 18, 2017) – Digital Arts Inc. (headquartered in Chiyoda-ku, Tokyo, Japan; CEO: Toshio Dogu; "Digital Arts"; Code 2326), a provider of information security software, conducted a study on targeted attacks in the workplace, polling 1104 corporate employees and 332 system admins across the nation.

In recent years, the number of cyber-attacks targeting corporations are on the rise, as are incidents of secondary exploitation of sensitive data including classified information and customer data. Digital Arts conducted a survey on targeted attacks to measure the level of understanding and awareness among corporate and organization employees nationwide, and to understand the current landscape of security measures in place against targeted attacks in the workplace from system admins. The first of such study was conducted and results announced in October 2015.

Employee level of understanding and awareness on targeted attacks

- With "targeted attacks", people think:
  Virus infects computers and PCs are remotely manipulated (51.4%); Receive suspicious emails with attachments (48.9%); Corporate website manipulated by external sources (43.2%).

- Awareness that your workplace can be subjected to a targeted attack:
  Yes, I am aware (45.3%); Not sure (30.7%); No, I am not aware (24.0%).

- Things you do regularly to protect yourself:
  Do not open attachments sent by unknown sender (70.0%); Do not access suspicious web sites (43.0%); Do not install unauthorized software (41.0%).

Q **Are you aware that your workplace can be subjected to a targeted attack?**

■ **2016** ■ **2015**

Yes	2016	**45.3%**
	2015	40.7%
Not sure	2016	**30.7%**
	2015	24.0%
No	2016	**24.0%**
	2015	35.3%

Survey Response by Employees

- Device used to communicate business emails: Desktop PC provided by company (46.1%); Laptop PC provided by company (37.9%); Personal smartphone (13.6%).

- In terms of security policies in the workplace, 60.7% said "yes, we have security policies", 31.3% said "no, we do not have policies", and 8.0% said "cannot answer". Furthermore, 58.1% "has not received any training on cyber security", where 29.6% "have received training by a specialized department within the same company" and 5.8% "received training by an external specialized institution or staff".

- With the current tide of cyber security incidents becoming a social problem, cyber security measures in the workplace has: Not changed (38.9%), Tightened slightly (30.7%), Tightened to a large extent (29.8%), Tightened considerably (60.5%).

PRESS RELEASE

Awareness and security measures taken by system admins against targeted attacks

- ■ Awareness that your workplace can be an object of a targeted attack: Yes, I am aware (69.9%); No, I am not aware (19.0%); Not sure (11.1%).

- ■ Most critical damage to your workplace after a security breach: Loss of customer data (58.4%); Loss of HR/personnel data (28.9%); Loss of IP/technical intelligence (26.8%).

- ■ Critical next steps after security breach: Make apologies to customers (54.2%); Develop preventive measures/Evaluate the losses (49.1%); Compensate/indemnify customers for losses (40.1%).

- ■ Current security measures in place: Anti-virus software (75.9%); Firewall (65.4%); Email filtering (47.6%)
  Security measures going forward: Would like to further tighten (75.0%); Maintain status quo (24.4%)
  Security measures to consider: Anti-virus software (55.8%); firewall (53.0%); Educate employee on cyber security/ Web filtering (38.2%).

- ■ What you are doing to educate/send information to employees: Reminders/send information by email (59.3%); Seminar/workshops instructed by an internal specialized team (43.7%); Seminar/workshops instructed by an external specialized firm (29.2%).

【Survey Overview】
Polled: Working men and women over 20 years old, nation wide
Survey period: November 10-11, 2016
Survey method: Internet
Valid response: 1,436 samples (332 system admins, 1104 employees)
Surveyed by: Fastask

In this survey, we saw a disparity in the level of awareness between system admins and general employees, which suggests that companies should reexamine how they educate and share security-related information to their employees. Compared to the previous year, security measures against targeted attacks seem to be in place on the whole, however considering that loss of data as a result of cyberattacks are on the rise and that security breaches can cause serious damage and losses to the company, current level of urgency to tackle cyber security is far from being high. Cyberattacks are getting more advanced every day, which emphasizes the need for corporations to promptly educate employees and enhance everyday awareness on security, as well as review current security measures and strategies, consider multilayer defense, and be prepared to respond promptly in an event of a security breach.

In light of the rising number of corporations and the public-sector being attacked regardless of their size, Digital Arts conducts regular surveys in hopes to reduce security incidents in Japan by warning corporate managers to take necessary action to protect sensitive data, which could have detrimental effects on corporate fundamentals. As a leading information security provider, Digital Arts continues to publish results on survey conducted on a national scale.

■ **About Digital Arts Inc.**   http://www.daj.jp/en/

Digital Arts, Inc. is a provider of information security products with a unique patented web filtering technology at its core. It plan, develops, sells and supports internet security products on its own, while also delivering added value as the first Japanese manufacturer to launch a web filtering software in the industry. Digital Arts is highly recognized for its most comprehensive domestic web filtering database and its unique filtering technology patented in 27 countries and regions around the world. Digital Arts has become the top domestic supplier of web filter software i-FILTER (corporate and public-sectors), i-FILTER for Consumer, and i-FILTER Browser & Cloud. Other product lineup includes m-FILTER, a gateway email security software for corporations, m-FILTER MailAdviser, a client email anti-misdelivery software, D-SPA, a secure proxy appliance solution, and FinalCode, the ultimate password-less file encryption and tracking solution.