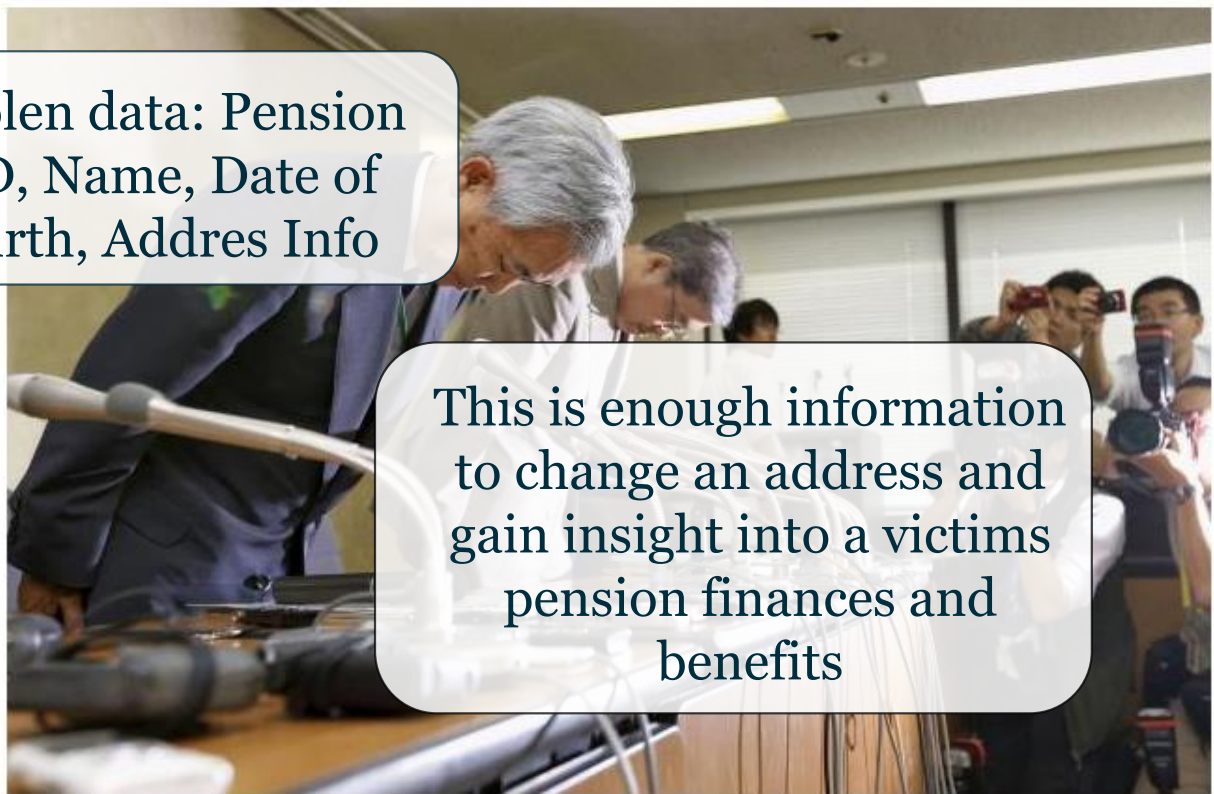


Pension & cybercrime

Carlo Klerk
Specialist IT Security, Achmea
@CatchDude

Japan pension system hacked, 1.25 million cases of personal data leaked

TOKYO



Toichiro Mizushima (L), president of the Japan Pension Service, bows as he offers an apology during a news conference in Tokyo, in this photo taken by Kyodo June 1, 2015. Mandatory credit REUTERS/KYODO

Stolen data: Pension ID, Name, Date of Birth, Address Info

This is enough information to change an address and gain insight into a victims pension finances and benefits

Japan's pension system has been hacked and more than a million cases of personal data leaked, authorities said on Monday, in an embarrassment that revived memories of a scandal that helped topple Prime Minister Shinzo Abe in his first term in office.

NATIONAL Abe team moves to limit political damage from pension hack

BY REIJI YOSHIDA

Millions Exposed In Japanese Pensions Hack

13:33, UK, Monday 01 June 2015

NATIONAL / CRIME & LEGAL Elderly women get suspicious calls possibly linked to pension info hack; inquiries top 158,000

KYODO, STAFF REPORT

US Vows to Help Japan With Cybersecurity, Japan Has Huge Hack Days Later

Bryan Lufkin
Filed to: SECURITY

3,771 8 1 1 >

JPS: Social Engineering

JPS: Malware

New virusses were used:

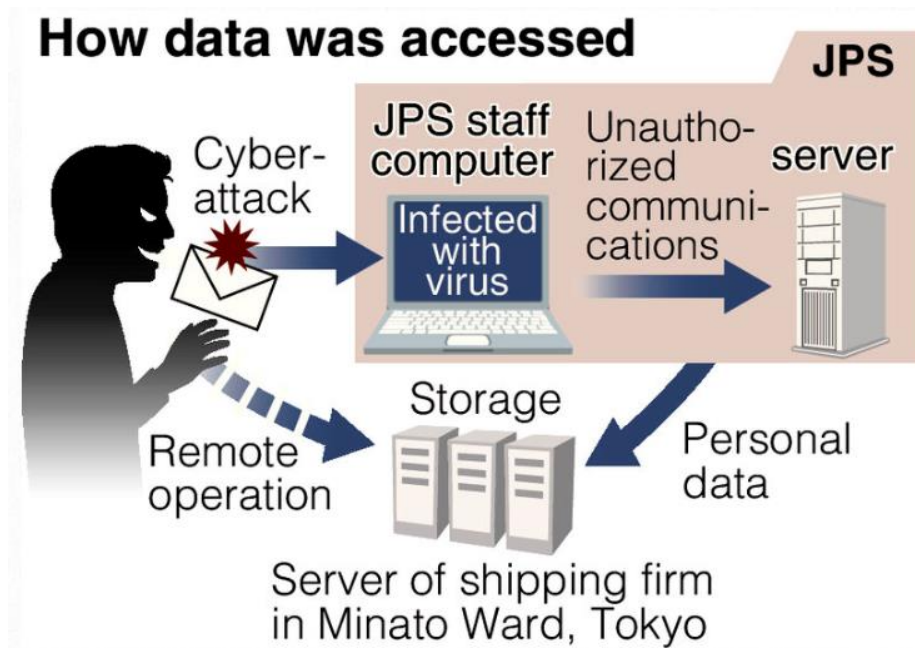
- **Not detected by antivirus**
 - After updating antivirus, only 1 of 2 used virusses were found
- **Infected computers gave attacker access to the pension data**



JPS: Stealing the data

Attacker moved the data to the data center of a shipping firm in Tokyo

- Attacker gained access to this data center before executing the JPS attack
- The shipping firm never noticed
- This makes following the trail difficult for security researchers



Consequenses for JPS

- **Victims are social-engineered; attackers act like JPS officials**
 - Asking the victims for additional information with which more control can be gained over the victim accounts
 - Targets are mostly elderly, because they receive pension (Here flows money!)
- **Resources helpdesk tenfolded to handle caller demand**
 - 158000 phone calls the first 3 days after exposure of the hack
- **Project for using the Social Security number “My Number”, for nationwide and diverse use, delayed due to questions about identity theft risk**
 - One of the appliances: Pension Communication
- **Pension administration databases needs a change; stolen pension Id’s must be renewed to avoid abuse**
 - This goes far beyond JPS
- **Politically sensitive**
 - in 2007, the predecessor of JPS lost 50 million pension records
 - This is one of the main reasons the government wasn’t re-elected in the 2007 elections
- **Japanese government is concidering disciplinary actions against senior JPS officials**

Japan pensioen mechanisme homepage (in het herstel werk)

«Apologize»

Omdat de kwetsbaarheid voor Japan pensioen mechanisme homepage wordt gevonden, op dit moment, hebben we de website gepauzeerd.
Wij verontschuldigen ons voor het ongemak.
Momenteel zijn we bezig de richting van een snel herstel.

«Over ongeautoriseerde toegang incidenten Japan pensioen mechanisme»

Japan pensioen mechanisme Verzoek om **Apology** voor ongeautoriseerde toegang gevallen [\(PDF\)](#)

Let op verdachte telefoon of dergelijke die **persbericht** van Japan pensioen mechanisme ongeautoriseerde toegang gevallen misbruiken! [\(PDF\)](#)

Voor Japan pensioen mechanisme ongeautoriseerde toegang gevallen, zal er niet de telefoon rechtstreeks zijn om de klanten van iedereen, van Japan pensioen mechanisme.

ご相談は、ご遠慮なく専門電話窓口（フリーダイヤル）まで

0120-818211 受付時間 8：30～21：00(平日及び土日)



Achmea: Security Operations Center

How many attacks coming from the internet are seen by our SOC on a daily basis?



THEIR CRIME IS CURIOSITY

10010001010100010
10010010010010100
10010010100100101

MADE BY RSP

HACKERS



Sources:

www.reuters.com

www.the-japan-news.com

www.wikipedia.org

GAME OVER