Balabit PAM Survey Report on Insider Threat

More than a third of IT professionals (35%) see themselves as the biggest internal security risk to networks within their organisation, according to new research from Balabit, a leading provider of Privileged Access Management and Log Management solutions. IT professionals may understand what their most valuable assets are, but they are still struggling to safeguard IT assets against the unpredictability of human behaviour.

IT professionals find challenges in how to define their privileged users, assess which user data is important for analytics and how to defend their most valuable assets against hackers and malicious insiders.

This research also investigates which security technologies IT professionals would implement in the next year with unlimited budget.

REGARDLESS OF BUDGET, WHAT SECURITY TECHNOLOGY WOULD YOU IMPLEMENT IN 1 YEAR?

13% Mobile Device Management

10% IIIIII Intrusion Prevention System

8% IIIIII Single-Sign On (SSO)

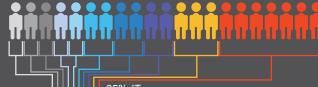
7% Privileged User Monitoring (PUM)

6% | Password Management

1% Other

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WHICH DEPARTMENT DO YOU THINK IS MOST AT RISK?



┛ 35% IT

15% Partners, third-party service providers

11% Finance

9% Sales

7% HR

7% Development

5% Marketing

3% Call-center/customer support

2% Factory/manufacturing

→ 6% Other

WHAT ARE THE MOST VALUABLE ASSETS FOR HACKERS?



- 1. Personal data
- 2. Client list (customer database)
- 3. Investor and financial information
- 4. Access information (credentials) of privileged users
- 5. Innovation and development data

WHAT KIND OF USER DATA DO YOU CONSIDER IMPORTANT FROM A SECURITY ANALYTICS POINT OF VIEW?

Time and location of login (47 percent of IT pros think it is the most important from a security analytics point of view)

41% Private activities using corporate devices

37% Applications currently in use

31% Biometrics identification characteristics

30% User device in use

ABOUT THE SURVEY

Balabit surveyed 222 conference attendees earlier this year at the FIC (Forum International de la Cybersécurité) in France, RSA Conference in San Francisco USA, Infosecurity Europe London and IDC Security Roadshows in CEE. IT executives and IT Security professionals, auditors, CIOs, and CISOs participating in this survey represented organizations including 37 percent IT and Telcos, 15 percent in finance, 13 percent in government, 6 percent in retail, 5 percent in manufacturing, and 3 percent in healthcare, energy and other sectors.



WHO ARE YOUR PRIVILEGED USERS?

- 42% Sysadmins
- 16% C-level executives
- 15% Everyone accessing sensitive data
- 12% Mid-managers and above
- 8% Average business users
- 6% Partners, third parties
 - 1% Other