



CYBER SECURITY: ARE YOU REALLY DOING THE BEST YOU CAN?

1 A recently-published cyber security report shows that there are four categories of assault: hacktivism, cyberwarfare, cyber espionage and cybercrime. How confident are you that your current defence mechanisms can handle/detect these threats?

- Confident - 9%
- Somewhat confident - 48%
- Not confident - 39%
- Do not know - 4%

2015 results vs. 2014 Percentage Change

- 2% (red triangle down)
- 3% (green triangle up)
- 1% (red triangle down)
- 2% (red triangle down)

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2 How confident are you that your defense mechanisms can handle/detect state actors/APTs? (APT=Advanced Persistent Threat)

- Confident - 5%
- Somewhat confident - 30%
- Not confident - 65%
- Do not know - 0%

2015 results vs. 2014 Percentage Change

- 3 (red triangle down)
- 25% (green triangle up)
- 38% (green triangle up)
- 0 (black line)

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3 What controls do you have in place to prevent malicious commands or data being sent to the ot from your IT infrastructure?

- Strong authentication of employees permitted to do this. - 48%
- Only permitted from dedicated selected workstations not used for other purposes. - 56%
- Only permitted from selected physically secured zones of the office environment. - 26%
- The Four-Eyes principle. - 22%

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4 Is your organisation using digital forensics to interpret digital traces?

- Yes, we have in-house digital forensic capabilities - 17%
- Yes, we outsource digital forensics research - 9%
- No, we do not - 61%
- Not sure of benefits - 13%

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5 Are you monitoring your network?

- Yes, we use a SIEM (SIEM = Security Information and Event Management) - 42%
- Yes, we have network IDS (IDS = Intrusion Detection System) - 52%
- No - 17%
- Yes, we use honeypots, (a honeypot is a trap set to detect, deflect, or, in some manner, counteract attempts at unauthorised use of information systems) - 2%
- Don't know - 22%
- Yes, we have host IDS - 23%

2015 results vs. 2014 Percentage Change

- 6% (red triangle down)
- 2% (green triangle up)
- 0% (black line)
- 6% (red triangle down)
- 4% (green triangle up)
- 15% (green triangle up)

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6 How visible is what is going on your network to your organisation?

- I'm unsure - 16%
- I barely have visibility - 8%
- Our system engineers have this as an additional task - 18%
- We are using monitoring tools - 44%
- We have a fully operational SOC (SOC = Security Operations Center) - 14%

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7 In the last three years, how often have you been confronted with a serious ICT cyber incident? (ICT = information and communication technology)

- Never - 26%
- Once - 29%
- Twice - 6%
- More than Twice - 39%

2015 results vs. 2014 Percentage Change

- 45% (green triangle up)
- 10% (red triangle down)
- 4% (red triangle down)
- 39% (green triangle up)

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8 Does your organization have a CERT team or CERT provider? (CERT = Computer Emergency Response Team)

- No - 23%
- Yes, we have an in-house CERT team - 41%
- Yes, we have an external CERT provider whom we involve on an ad hoc basis - 15%
- Yes, we have an external CERT provider that we have on retainer agreement - 4%
- Don't know - 17%

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9 Does your organisation have an incident response plan (IRP) in place?

- No - 26%
- Yes - 33%
- Yes and we do dry runs on a regular basis - 12%
- I am unsure - 29%

2015 results vs. 2014 Percentage Change

- 14 (red triangle down)
- 27% (red triangle down)
- 12% (green triangle up)
- 29% (green triangle up)

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10 Is your organisation using a managed security service provider (MSSP) to monitor your network?

- Yes - 39%
- No - 33%
- Do not know - 28%

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11 Are you confident that your employees and/or MSSP (if applicable) are up-to-date on the latest cyber threats and methods?

- Confident - 10%
- Somewhat confident - 42%
- Not confident - 48%

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12 If you had to make an estimate of the costs involved to recover from a cyber-attack, what estimate would you give?

- Less than €100,000 - 25%
- Between €100,000 and €500,000 - 10%
- Between €500,000 and €1,000,000 - 31%
- Between €1,000,000 and €10,000,000 - 23%
- More than €10,000,000 - 11%

2015 results vs. 2014 Percentage Change

- 3% (green triangle up)
- 8% (red triangle down)
- 16% (red triangle down)
- 9% (green triangle up)
- 5% (green triangle up)

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