Purpose of discussion

To discuss why Security is a top threat for Network Rail.

We already live in a digital world and will rely more and more on inter-connected systems and technology to deliver railway services in the future. Security impacts us as individuals as well as our railway. Security is linked to a safer railway and can safeguard performance.

Security is everyone's responsibility. To help protect our railway we all need to behave securely.

Kick-off the discussion

The public and the media grow increasingly interested and concerned about how organisations such as our own make sure that they operate in a safe and secure way.   Recent examples in the media such as TalkTalk demonstrate how breaches of security can affect both companies and individuals, both personally and professionally. Were you a TalkTalk customer? How did it make you feel? How will it make you consider how you shop online in the future?

Discussion points

Use the questions below to facilitate discussion. Remember, you don't have to have all the answers – the role of the facilitator is to create an engaging discussion where everyone identifies and commits to solutions. The guidance materials on the policy change may assist with these discussions.

Discussion points	Supporting notes
1. What are the risks to **you** and how can you reduce them?	**Let the team discuss how they can protect themselves and their families from cyber threat.** **Question – has anyone suffered from a cyber attack? What happened and what are they doing differently??** **Key messages here are:** • **Be safe online**, at home and work. Ask yourself, is this secure? Click with care and always browse safely. Never select links to/from un trusted sites. • **Behave securely**- Protect your identity, passwords and devices both at home and at work. Don't share personal information, protect company information and protect **all** your passwords whether at home or work.
2. What are the risks to **your colleagues** and how can you reduce them?	**Let the team discuss how they can protect our buildings and systems. Is there anything they currently do, or don't do, that could make us vulnerable to an attack?** Here's some examples of best practice : • Never share your password/s. • Always lock your screen when you're away from your desk, even if it is for a moment. Hit ENTER after, CTRL+ALT+DEL every time you leave your seat or press WINDOWS+L. • Never leave mobile devices unattended. If lost or stolen, report immediately. • Always wear your ID badge and/or have your Sentinel card ready for inspection. • Challenge suspicious behaviour, tail-gaiting and those without ID – contact the local security team or use the 'speak out' line if required (0808 143 0100). **Ask the group to suggest how they might work/behave differently following the discussion.**

Discussion points	Supporting notes
3. What are the risks to the **railway** and how can you reduce them?	**Respect our security measures** – don't tailgate or allow access to someone you do not know. Make sure access gates are locked. If challenging suspicious behaviour do remember that your personal safety is paramount. **Follow company policy and standards** – make sure you know the rules on email, social media, mobile devices etc. There are people you can ask if you are unsure. **Protect company information –** be careful how you handle removable media (USB sticks), think about what information you're emailing – is that the most appropriate way of sharing information? Always lock and secure devices when unattended or not in use.
Real examples of Cyber Security events that affected us and a security case study	Over 6,000 NR employee identities were stolen from HMRC and used as part of a credits fraud. Note: This is an historic loss for HMRC, additional compliance checks are in place — A supplier's laptop containing NR pensions data was stolen. Fortunately no attack was made and the laptop was recovered. — The information security team ran a simulated phishing scam to help raise awareness of online threats. More than 20% fell foul to the 'scam'

Additional materials and support

Video: Norm's Bad Day

Follow Norm as his day turns from bad to worse and learn from his mistakes.

Contact the Security team:
AskSecurity@networkrail.co.uk
or visit the Information Security group on Yammer #AskSecurity