



CYBER SECURITY



Cyber Security on RAI internet connections

Organising an event usually involves the use of a network connections. For both wired and WiFi connections it is crucial to be absolutely sure that network is secure to avoid placing yourself, your visitors and exhibitors at risk. And to prevent registration and other applications being interrupted. Cyber Security should be a major point of attention during every event. Malware, phishing and DDos attacks can shut a company down completely.

What can you do to protect your event against cyber risks and how can RAI Amsterdam assist you?

Malware, Phishing and DDoS

Malware is software that infects a computer after visiting a website and then gains access to personal or company data. Via that one computer it can even take control of your entire (company) network.

Phishing occurs on websites that pretend to be familiar, reliable websites but which are actually designed to intercept and then abuse login details.

DDoS attacks are attempts to make a website or service unusable by overwhelming them with requests.

RAI Amsterdam works with the best Cyber Security software available, which has a database of all website addresses worldwide that is continuously updated and earmarks websites that form a risk. The internet connection we set up checks every attempt to visit a website against this database. If a website is known to contain malware, for example, a visit to the site is blocked so the computer cannot be infected.



Levels of Security

On our internet connections, we offer three levels of security. Depending on your requirements, we can offer a suitable set of security measures. In the scheme, you can find what is included in the different levels.

We provide three different security levels to cater to the diverse needs of our users. The first two levels, Basic and Premium are available for both WiFi and cabled internet connections. The highest (Ultimate) level of security is only available for cabled internet connections.

Security settings	Basic WiFi/Cabled	Premium WiFi/Cabled	Ultimate Cabled
Malware			
Websites and other servers that host malicious software, drive-by downloads/exploits, mobile threats and more.	✓	✓	✓
Command and Control Callbacks			
Prevent compromised devices from communicating with attackers' infrastructure.	✓	✓	✓
Phishing			
Fraudulent websites that aim to trick users into handing over personal or financial information.	✓	✓	✓
Distributed Denial-of-Service (DDoS) attacks			
DDoS protection defend organizations against DDoS attacks using behavioral-based and machine learning algorithms to detect and mitigate both network-layer (L3/4) and application-layer (L7) attacks. DDoS mitigation protect against encrypted SSL-based DDoS attacks and use automatic, adaptive real-time protection to defend against zero-day attacks.	✓	✓	✓
Potential Harmful Domains			
Domains that exhibit suspicious behavior and may be part of an attack.		✓	✓
DNS Tunneling VPN			
VPN services that allow users to disguise their traffic by tunneling it through the DNS protocol. These can be used to bypass corporate policies regarding access end data transfer.		✓	✓
Newly Seen Domains			
Domains that have become active very recently. They are often used in new attacks.			✓
Dynamic DNS			
Block sites that are hosting dynamic DNS content.			✓
Crypto mining			
Crypto Mining allows organisations to control crypto miner access to mining pools and web miners.			✓
Content policy			
<i>Access to these sites will be restricted based on the type of content served by the pages of the site</i>			
Blocks all adult-related websites	✓	✓	✓
Blocks Illegal activity social networking sites		✓	✓
Blocks video sharing sites		✓	✓
Application policy			
<i>Select applications or application categories to be blocked or allowed for the users in your network</i>			
Create a custom set of applications			✓
Destination list			
<i>List of sites to block or allow</i>			
Block or Allow URL/sites.			✓
Custom no rights page			
<i>Define the appearance and bypass options for the no rights pages</i>			
Custom no rights page and bypass options			✓



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