5G Security

that builds trust and resilience

Breakthrough Innovations

5G security is about transforming security operations to be predictive & automated by using machine learning and multi-dimensional analytics and threat intelligence in order to drive rapid, automated and predictive responses to threats. Detect more, respond faster.

- Constantly measure your security posture and risk levels -it is more than compliance auditing, but rather an ongoing near real time assessment of your network security posture. to do this effectively requires automated software security systems
- Control and limit access to key operational systems and assets. In addition to perimeter security defenses, this includes access governance and management.
- Detecting threats earlier in the kill chain now requires an ability to perform multi-dimensional analytics across a variety of systems and resources in order to identify threats that may be otherwise missed.
- Rapid response is key to minimize the impact of cyber-attacks. The time between detection and mitigation needs to eliminated.

Four security use cases to demonstrate NOKIA´s 5G Security capabilities:

1. Security Orchestration - Security with user and entity behavioral analytics
2. DDoS Protection - Protecting IP networks against distributed denial of service attacks
3. 5G Signaling Attack – Interconnect security for roaming infrastructure
4. Security Service - threats assessment and security controls as a service

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