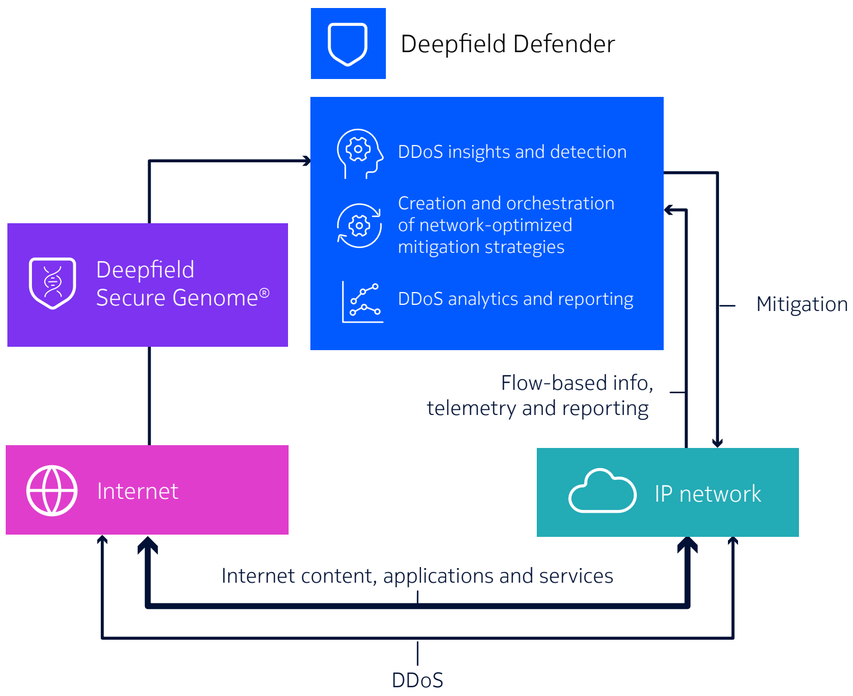
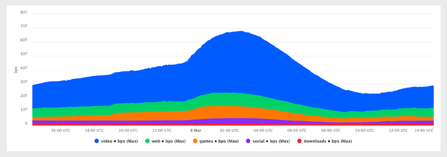
Nokia Deepfield DDoS security solution

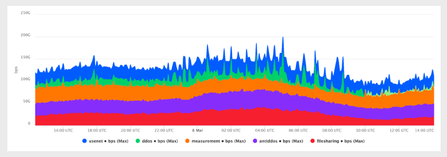


AI-driven DDoS security solution that leverages the combined power of
- **Petabyte-scale big data analytics and detailed internet security content**
- **Advanced, high-peformance IP networks**

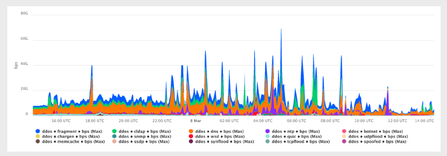
Accurately detect and surgically mitigate DDoS threats and attacks



Get a holistic view on all network traffic…



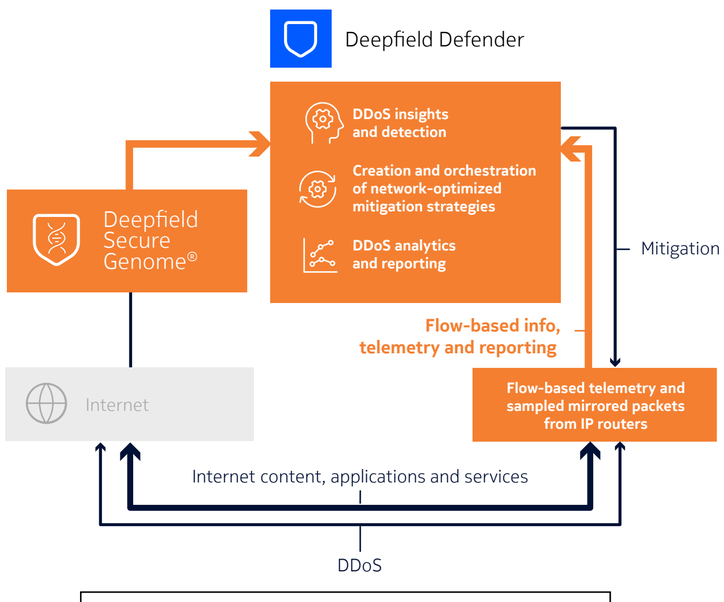
Detect DDoS activity in your network – inbound and outbound

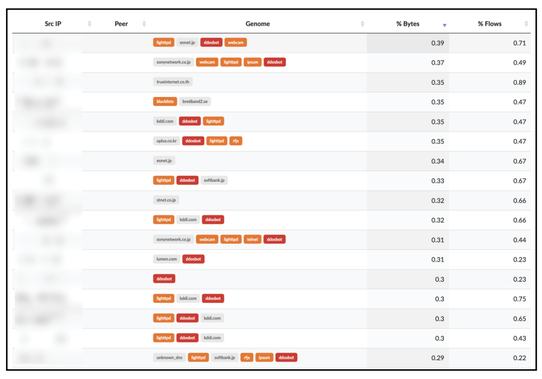


Decompose DDoS attacks by vectors to optimize your network defense

Automated mitigation in <30 seconds

Fast and accurate detection

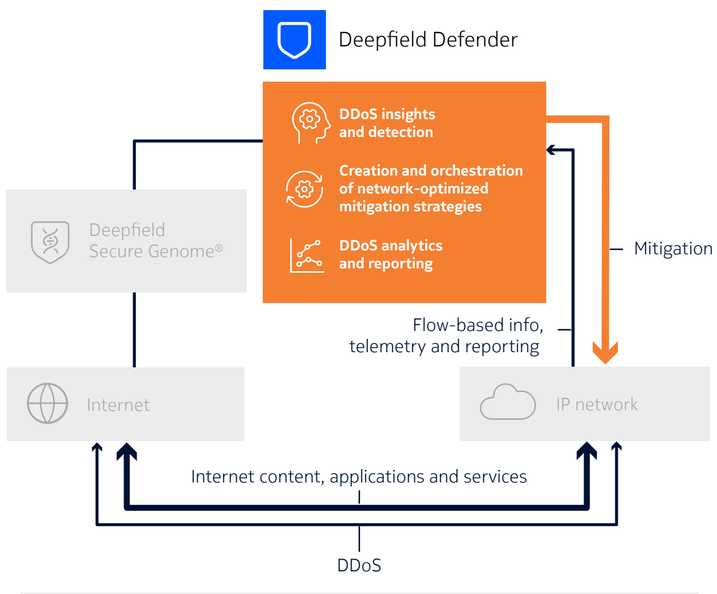


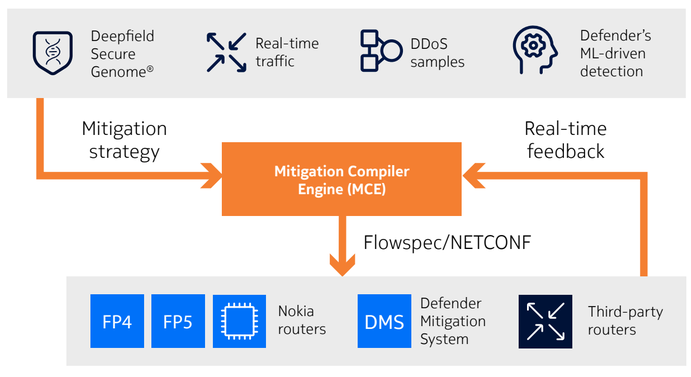


Deepfield Secure Genome®

Knowledge and up-to-date visibility into over 5 billion IPv4 and IPv6 addresses on the internet
- DDoS vectors and details
- Known/open reflectors
- Botnets and residential proxies
- Booter and spoofed fingerprints
- Server software
- IoT device type details

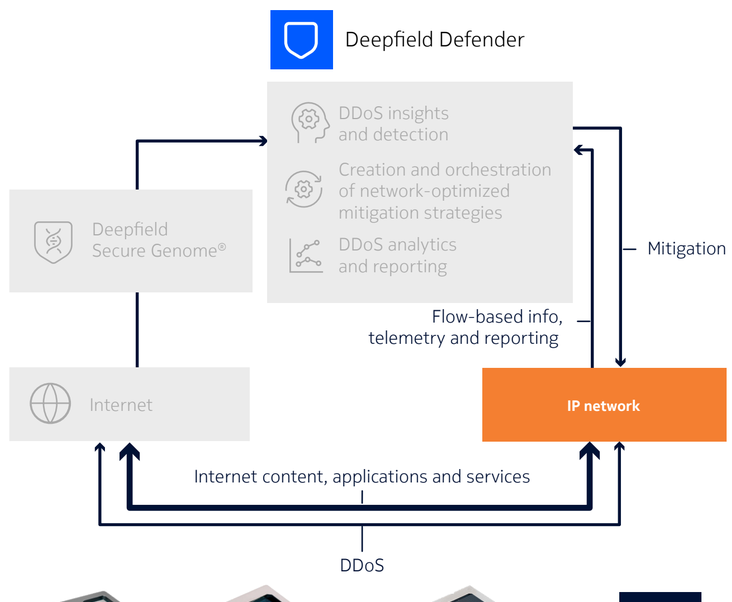
AI-optimized mitigation strategy





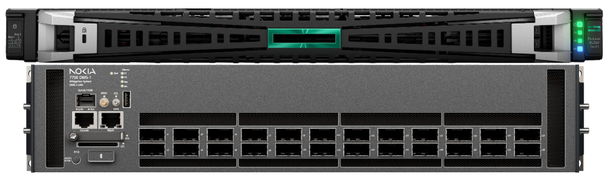
Mitigation Compiler Engine
- Advanced AI/ML-based system for automatic generation of optimized mitigation strategies for complex DDoS attacks
- Trained on thousands of real-world DDoS attack samples
- Effective against well-known and emerging DDoS vectors

Network-based mitigation





Secure-by-design: DDoS protection built into every router
- Edge-based mitigation
- RTBH, BGP Flowspec, NETCONF, IPFIX IE315 support



7750 Defender Mitigation System (7750 DMS-1-24D)

FP5-based dedicated mitigation system
- Blocks all types of DDoS, including botnet and application-layer DDoS
- Can be deployed off-ramp or inline
- 3RU (including the Advanced Countermeasures Engine, ACE)
- OS optimized for DDoS mitigation
- Up to 2.4 Tbps mitigation capacity

Embrace a paradigm shift in DDoS protection with Nokia Deepfield Defender

Enable 360-degree protection for the whole network, all services and users

Detect and mitigate all modern (e.g., botnet DDoS) and future threats and attacks in less than 30 seconds

Automate your defense and extend your protection to many more customers

Offer managed security services to your customers

Learn more:
https://www.nokia.com/networks/ip-networks/deepfield/defender/

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