

## Network Profiling



Protecting your enterprise from cyber-threats requires 24/7 vigilance using advanced security process, policies and technology. Effective security monitoring is a demanding task, regardless of the size of your organisation, requiring skilled security specialists with the knowledge and experience to apply the right solutions for every business. Secode's Network Profiling service protects your business from intrusion, fraud, downtime and loss of revenue, delivering control, expertise and damage prevention.

### Network Profiling Services

The increasing complexity of today's business networks requires careful analysis of traffic patterns and volumes to identify changes, attacks and faults in traffic across the network. Without having total visibility to what's happening in all areas of the network at all times, it can be difficult for network technicians to take efficient countermeasures when alerts come through from security systems.

Secode's Network Profiling Service takes samples from the network, and visualises the flow of traffic in terms of volume and behaviour, identifying anomalies in the infrastructure and making recommendations for action.

### Features

- 24/7 monitoring for security anomalies
- Graphical representation of selected network segments
- Ability to track policy enforcement
- Reduced risk of data leakage

### Benefits

- Investigation specialists available 24/7
- Free up internal resources
- Support for standard requirements as SOX, PCI, etc.
- Efficient financing and lower TCO
- Well-defined content for the services specified in the Service Level Agreement (SLA)
- Identification of security related information in log files from multiple vendors and systems

Although signature-based intrusion detection protects against the most common attacks, many can go undetected by commercial IDS/IPS systems. These intrusions can often only be detected by investigating anomalies that occur in your network.

Typically, these intrusions result in some form of abnormal network behaviour, such as company web servers suddenly making repeated outbound access attempts to the internet.

By visualising the traffic patterns of your network, Network Profiling will make it easy to define expected network flow, where expected traffic flows are collected and summarised as stable profiles. This enables effective exception monitoring of selected or entire parts of your network, by labeling profiles as "locked". Any anomalies will be detected and reported immediately.

The visual overviews will also highlight and clearly show remote site dependencies, such as partner VPN connections.

### Reporting and Analysis

The Secode Network Profiling service offers real-time manual reports if anomalies are detected, interpreted by our specialist consultants and accompanied by recommendations for immediate remediation. We also provide monthly reports detailing all analysed events and incidents with relevant statistics and trend analysis. This report is presented in person by an allocated Technical Account Manager to enable a comprehensive discussion of an organisation's tactical and strategic approach, defined policies, service levels and risk posture. For those

organisations that deploy multiple Secode services, we deliver a consolidated monthly overview to aid prioritisation of resources and reduce risk.

### Results

The Network Profiling service provides a proactive and reactive service, protecting your business from damage 24 hours a day, 365 days a year.

### Business Benefits

Secode's network profiling service provides a detailed view of what is going on in the network in real-time. It will instantly detect any anomalies and deviations from normal network traffic. This is crucial for an early detection of deviations from compliance requirements like PCI, and ensures that your business meets audit demands.

### Management Benefits

The ROI of the service is to detect any deviations from normal network traffic. It also provides a baseline for normal, stable traffic flow. The service eliminates security events at an early stage, alerting you to any deviations from compliance requirements before these become critical business issues.

### Operations Benefits

Secode reduces the impact of attacks and malicious activity on your network by carrying out detailed analysis and taking swift remedial action against the problem. The management of these complex security systems is outsourced to experienced security specialists who are available 24/7. The result is analysis that you can rely on, with recommendations that you can act on immediately.

## Secode Differentiators

An independent subsidiary of NTT Communications, Secode combines global capabilities with local resources, knowledge and presence as the leading IT security provider in the Nordic region, delivering unique value to our customers.

- Industry expertise – professional services are performed by experienced industry experts, providing our customers with well-substantiated knowledge about their security posture
- Innovative prioritisation to drive management decisions, including relative return-on-investment
- Meaningful action plans help prioritise next steps and subsequent priorities for reducing risk
- Well-defined risk management methodology
- Common sense approach, blending people, process and technology
- Independent review of assessment and attestation requirements
- Independent analysis of dashboards and information-sharing capabilities
- Timely, meaningful and personalised analysis

## Deliverables

Secode provides detailed reports, designed to be relevant to specific stakeholders and also to reflect the individual requirements of senior management, operations and the audit and compliance teams. A dedicated Technical Account Manager (TAM), acting as your security advisor, ensures that the services delivered meet business expectations.

Security specialists are available 24/7 to continuously update and configure the systems to get the most out of your investment.

We enable you to have an adaptive information security framework, which meets current and future compliance requirements, reduces costs and saves time and resources.

## About Secode

Scoping and designing compliance, Secode is the leading IT Security Company in Northern Europe. The vision is that the Internet and IT shall be secure for business, transactions and information exchange.

The company offers surveillance and protection services (24/7 Managed Security Services) from the Secode Security Operations Centre. In combination with Secode Security Consulting, companies and organisations gain increased insight, competence and control over their operations from a complete IT security perspective. Secode today has customers across all industries and business sectors.

## Securing Your Business

By asking the right questions, our security specialists resolve complex security, risk and compliance issues. This insight is essential to provide a complete end-to-end service – a service designed to meet specific business objectives, not merely address individual aspects of security. Secode's proven track record gives our customers the confidence to make security decisions based on expert advice at business, management and operational levels.

Secode secures your business.

For more information, visit  
[www.secode.com](http://www.secode.com)