

# Netrac Secure Access Solution



## TEOCO'S CENTRALIZED ACCESS CONTROL ENABLES YOU TO SECURE YOUR NETWORK & SIMPLIFY YOUR MANAGEMENT

Unauthorized access to the network caused by accidental use or malicious intent can have devastating impacts on your organization. This can cause corrupted data, fraud, lost productivity, equipment failure, service outages and network downtime which provoke significant revenue loss and increased operational expenses.

**Secure Access offers a powerful security solution** verifying that users only access network resources and information they are allowed to, perform only authorized functions, and cannot cause damage to the network equipment, while auditing all the users' actions.

**It is a centralized gateway through which users can access and retrieve data, as well as send commands to the network elements.** Indeed, Secure Access provides access control from a centralized unified security solution. Ultimately, security access enforcement across the network infrastructure is made efficient and cost-effective. **Secure Access also simplifies the management of user identities and access rights across multiple network resources and applications.**

**Protect the network from unauthorized access**

**Enforce Security Policies across multiple network resources and applications**

**Instantly alerts administrators & disables user access as soon as security incidents occur**

**Gain insights into unauthorized access patterns**



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## OPEX Reduction

Using a single access control platform for both legacy and NGN networks instead of maintaining several platforms of different vendors

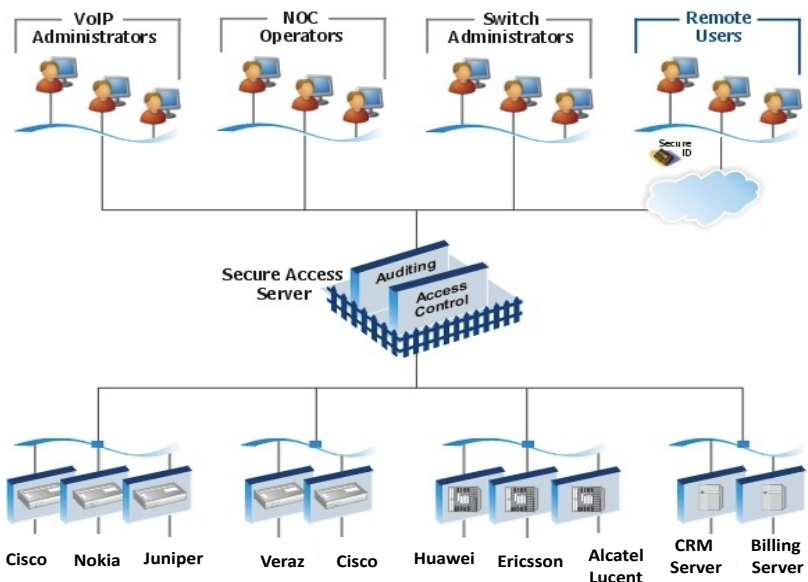
Reducing administrator's workload, thanks to the definitions of Security Policies, instead of privileges per user

Reducing password reset time and effort by user bank management

Reducing Service outages and human errors

Reducing manual login audit costs

Easily extending the system according to the constantly evolving needs of the network



Secure Access Solution Architecture

### KEY FUNCTIONALITIES

#### Security Policies

Secure Access supports the definition of the most specific security policies.

#### Roles Management

Security Access definitions for Network Elements (users, passwords) can be achieved at the role level.

#### Access Prioritization

Power users can take over a Network Element using a locking mechanism and overriding regular users' sessions.

#### Auditing

Secure Access allows full auditing for telnet/SSH sessions. Various pre-defined reports on logged data are available.

#### Multi-Protocol Support

Secure Access supports a wide variety of protocols: Telnet, SSH, HTTP(s) etc.

#### Remote Users

Secure Access enables the access of remote users over the Web without compromising the security restrictions.

#### Scripting

Secure Access supports the development of sophisticated scripts using a GUI interface. The scripting language uses flow control (e.g. if-then-else, while-do, loop, etc) and conditional response to the received results during script execution.

#### Scalability

Secure Access is a carrier-grade solution which offers multi-threaded, distributed and scalable architecture to support the needs of large operators.

