



SSL VPN: What's New in ASA 8.0



**Announcing Major Enhancements to the
Self-Defending Network**

Confidential Communications/SSL VPN

Framework for Self-Defending Networks

Efficient Security Management, Control, and Response

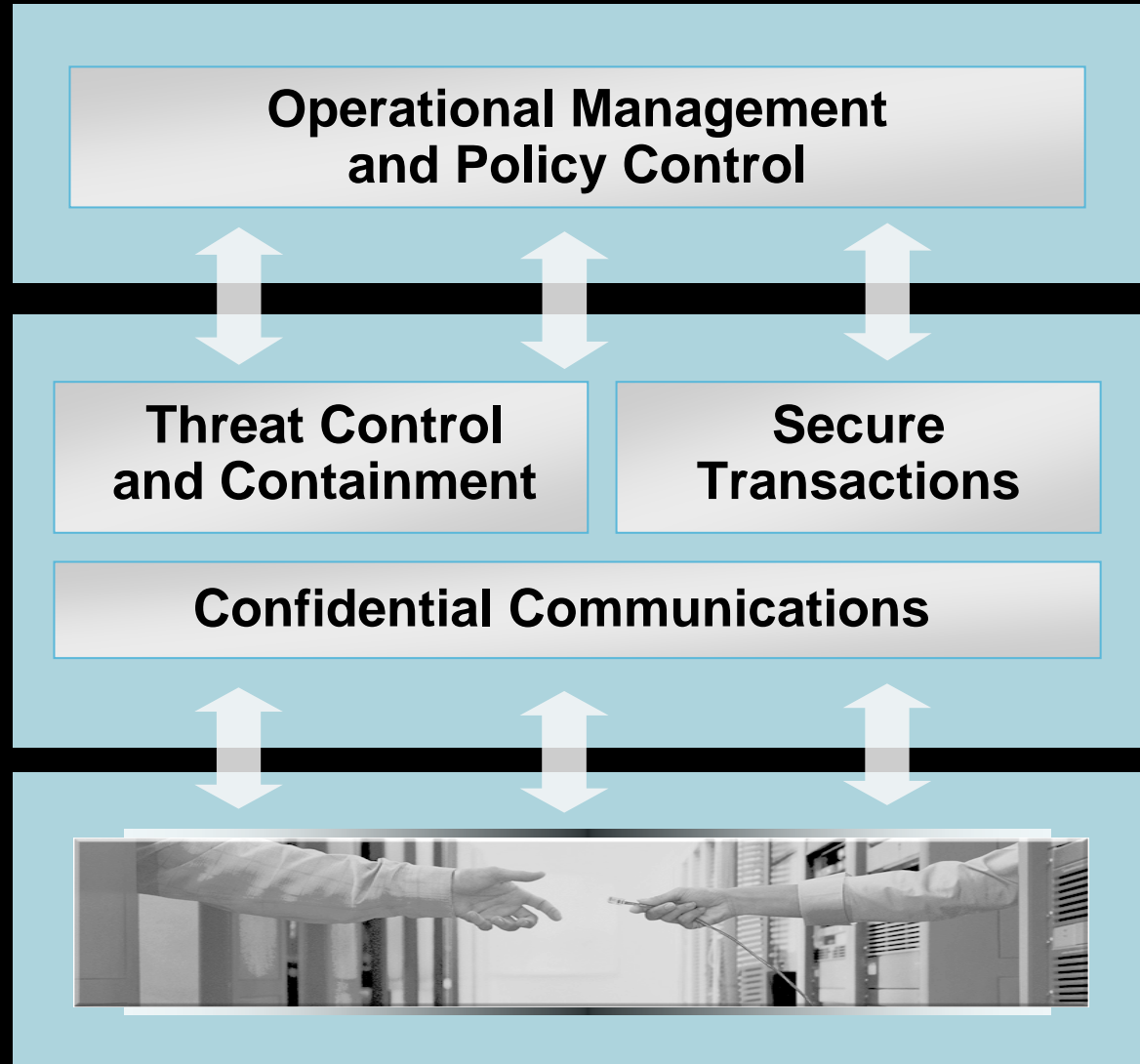


Advanced technologies and security services to

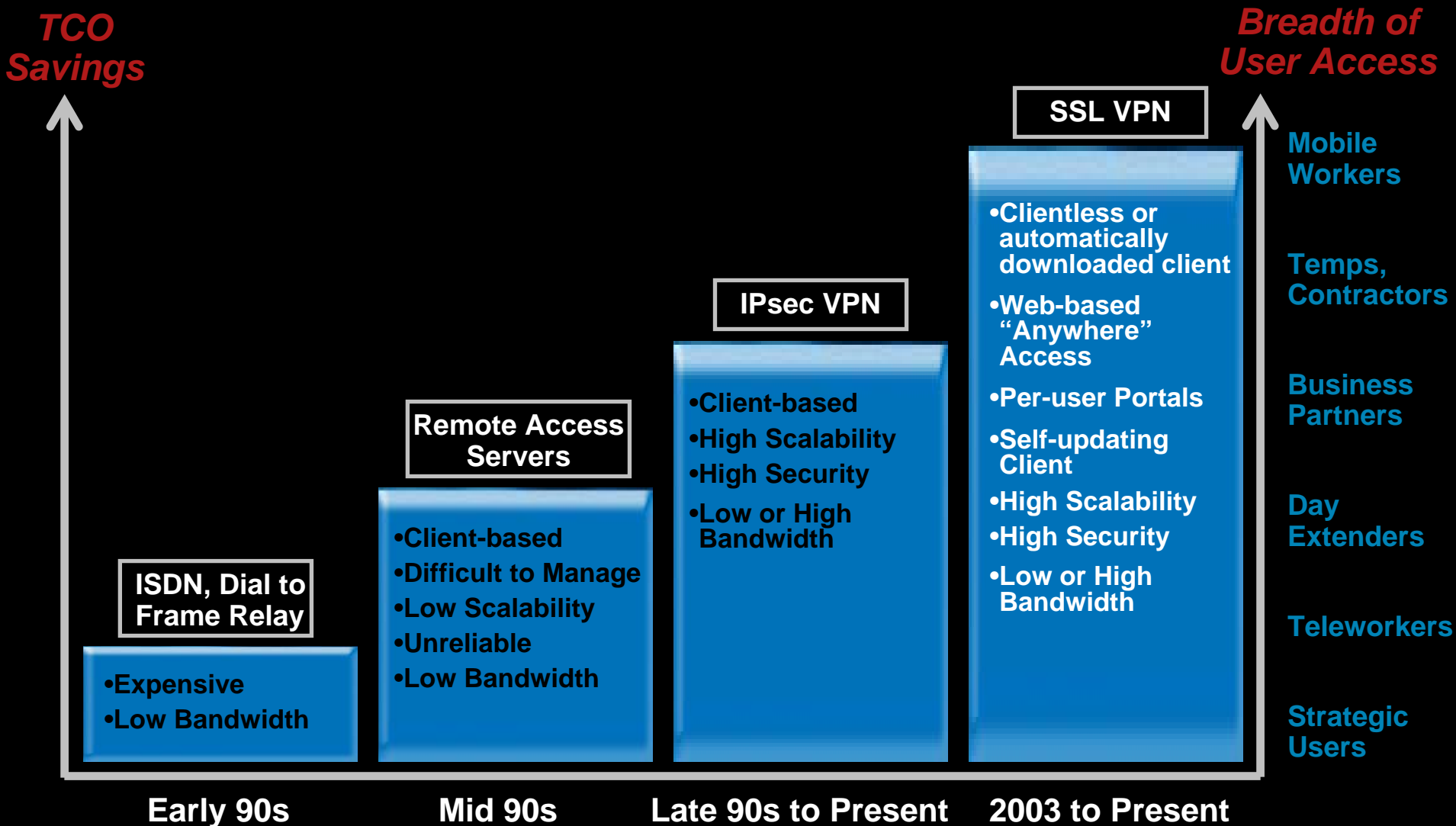
- Mitigate the effects of outbreaks
- Protect business process
- Ensure privacy



Network as the Platform



Evolution of Remote Access Technologies



Cisco SSL VPN

Customized Secure Access Anywhere

Access Anywhere

Broad access from almost any PC

Enhanced Security

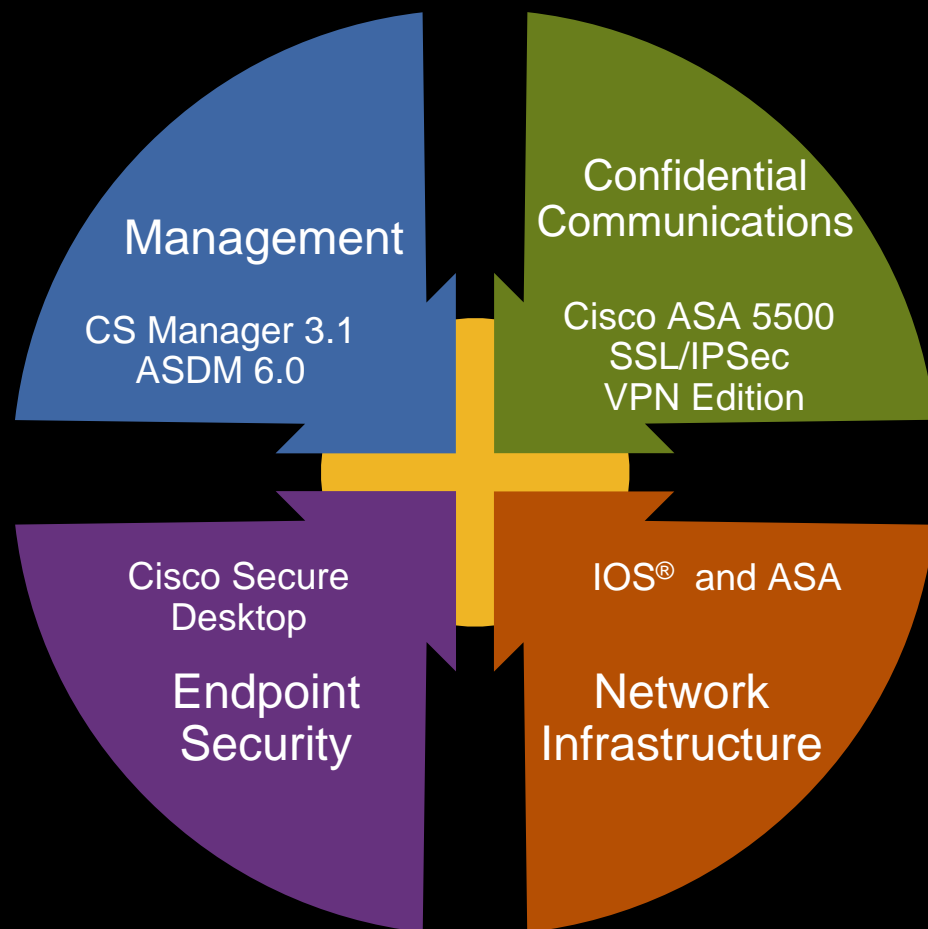
Security before, during, and after

Granular Control

Pinpoint access and monitoring

Ease of Management

Intuitive interface reduces overhead



+120 New Features in v8.0!

Comprehensive Secure Connectivity

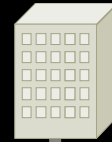
VPN Services for Any Access Scenario



Client-based SSL or IPsec VPN

Company Managed Desktop

Remote access users require seamless, easy to use, access to corporate network resources



Clientless SSL VPN

Partner Access

Requires "locked-down" access to specific extranet resources and applications

Public Internet

Clientless SSL VPN



Public Kiosk

Remote users may require lightweight access to e-mail and web-based applications from a public machine

ASA 550

Client-based SSL or IPsec VPN



Company Managed Desktops at Home

Day extenders and mobile employees require consistent LAN-like, full-network access, to corporate resources and applications

VPN Enhancements in Release 8.0



Enhanced Clientless Access

Delivers broad application and network resource access for productive remote working



- **Customizable Portal Design for personalized user experience**
 - Localizable, RSS feeds, Personal bookmarks, etc.
- **Simplified user experience**
 - Drag and Drop file access and webified file transport
- **Access both browser-based and traditional applications**
 - Transformation enhancements allows hundreds of applications to be run directly from the web browser
- **SmartTunnels allow the use of applications (like IM) outside the browser portal**
 - Advanced port-forwarder accesses TCP applications without admin privileges on Client PC

Enhanced AnyConnect Client Access

Anywhere access to applications and network resources for secure remote productivity



- **Network access from almost any PC**
Support for Windows Vista, Mac OS X, Linux, Windows Mobile 5 Pocket PC Edition
- **Lowers administrative costs**
Remotely installable and configurable for ease of deployment and reduction of help desk calls
- **Extends the in-office experience**
LAN-like experience, supports latency sensitive apps like voice
- **Several connection modes for maximum flexibility**
Stand-alone, Web Launch, Portal Connection, Start before Login (SBL), and DTLS (optimized network transport) support

Security Enhancements

World-class security before, during, and after connections



- **Enhanced network access control**
VLAN mapping and enhanced authorization using policies and group information
- **Simplified certificate management**
New embedded Certificate Authority (CA)
- **Thwart threats on unsecured devices**
New virtual keyboard option
Cisco Secure Desktop (CSD) supports hundreds of pre-defined products in an isolated, secure environment
- **Securely enhance user experience**
SAML Single Sign-On (SSO) – verified with RSA Access Manager
- **Enhanced security administration**
Definable custom checks, including running processes

Pinpoint Access Control

Per-user, fine-grained application and resource access



- **Flexible access options based on policy**

- Policy driven user and group permissions

- VLAN mapping to dynamically assign resources based on policy

- Remote device posture assessment

- Multi-factor authentication combines user and device posture to dynamically allocate appropriate resource access

- **Enhanced administrator control**

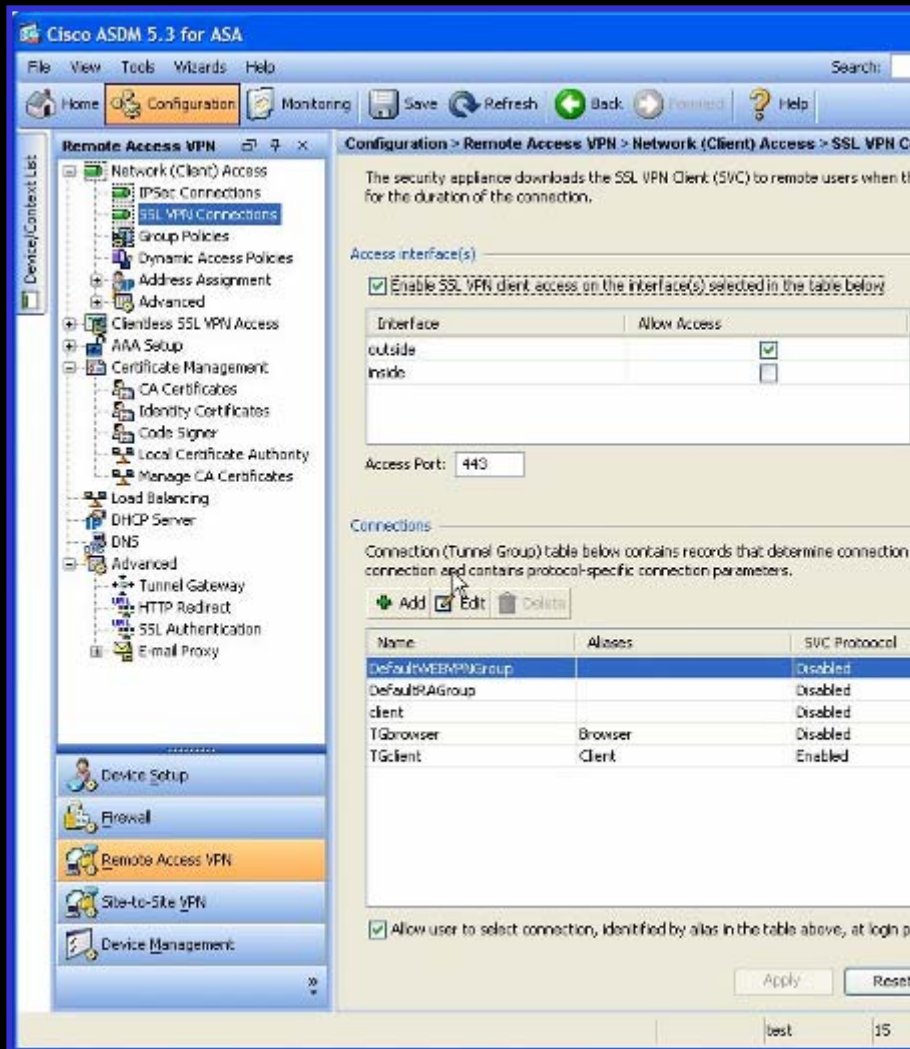
- Granular SSL VPN configuration based on policy

- Restrict user access on CSD to specific applications

- CSD posture policy presented visually to simplify configuration and troubleshooting

Enhanced Management

Smart ASDM management tool reduces overhead and TCO



- **Simplified management, even for novice users**

Intuitive, familiar, user-friendly interface

Wizards guide and simplify SSL VPN setup, even for novice users

Expanded on-screen help

Visual policy editor for setting access control policies and posture checking

- **Easily control access**

Configurable user and group permissions

Easy to provision, secure access when and where needed

Cisco SSL VPN Summary

Simple and Secure Access from Anywhere



- Broad access from anywhere
- User-friendly interfaces
- World-class security
- Flexible, controlled access options
- Intuitive management
- Integration with Cisco network

www.cisco.com/go/sslvpn

