



## Unified Threat Management

### Unified Threat Management Your Managed Network Security Solution With Intelligent Aggregated Alerts

As the openness of the Internet, complexities of modern businesses and the heightened interconnectivity between internal and external environment that create widespread risks for hacks, threats and vulnerabilities by sources both outside and inside a company.

Many enterprises are applying firewalls and VPNs as their first line defense against malicious traffic, which could merely maintain minimal protection against known threats whilst leaving the network unprotected for emerging unintended threats from insiders.

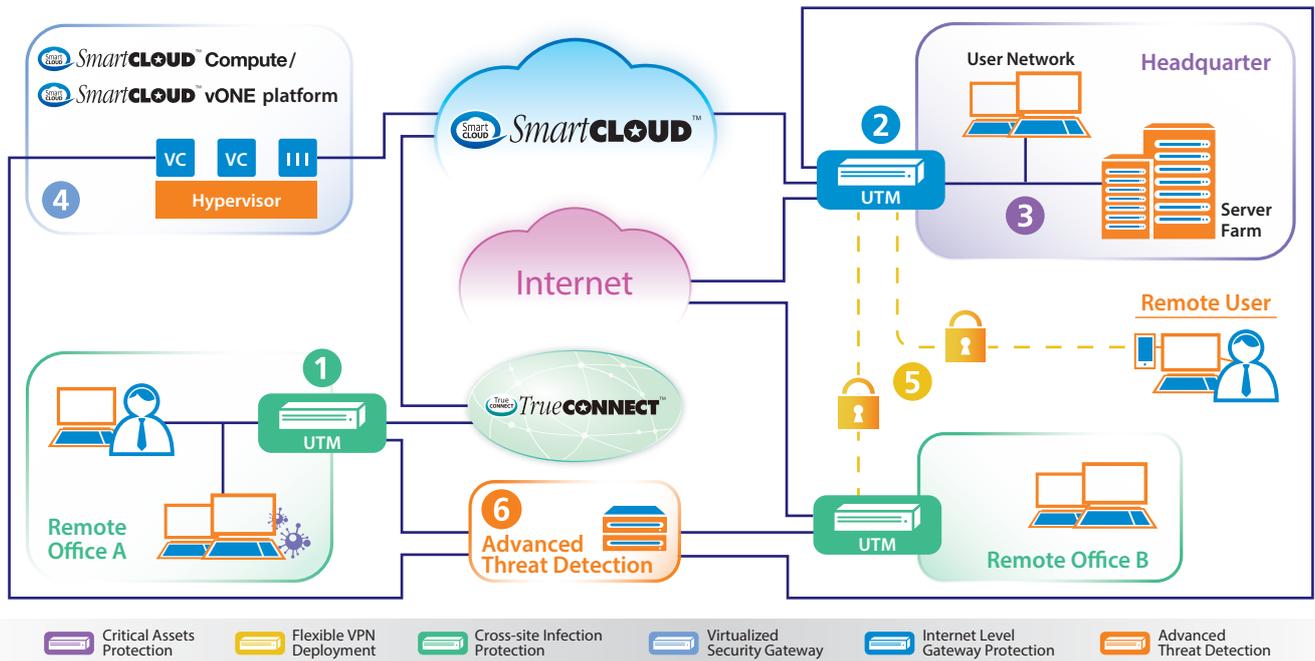
To ensure a full protection to organizations' information security, CITIC Telecom CPC's **TrustCSI™ UTM** provides enterprises a hassle-free first line network defense solution that requires for no CAPEX investment and comprehensive technical support.

#### HIGHLIGHTS

- Fully managed solution by security experts with 24 x 7 real-time monitoring, on-site support and hotline services, aggregated email alert and SIEM log correlation platform
- All-in-one features including firewall, anti-virus, IPS and Internet activities control  
End-user real-time web portal and provision of weekly report
- Optional TrustCSI™ UTM NFV offers 99.99% service availability with single virtual appliance supported by SmartCLOUD™ Infrastructure
- Optional TrustCSI™ Managed YourDevice Service offers remote monitoring and management services by our certified professionals to customer-provided network security devices
- Flexible monthly payment and upgrade, scalable to business security needs
- Device configuration management, backup and advance hardware swapping services
- Optional features including IPSec VPN and SSL VPN
- Optional TrustCSI™ UTM NFV, software based virtual appliance, designs for SmartCLOUD™ customers to shorten service provisioning lead-time comparing with traditional hardware based UTM

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## Holistic approach for corporate network



### 1. MPLS Level Cross-site Infection Protection with user authentication feature

From the diagram, TrustCSI™ UTM solution can prevent inbound threats within the corporate MPLS network by blocking virus in Remote Office A from spreading to other offices, ie. Remote Office B and Headquarter. Its user authentication feature further offers access control to critical applications. Only users, i.e. User C in the diagram, with enterprise's required user authentication, such as "e-cert", will be granted access.



### 2. Internet Level Gateway Protection

To avoid security threats enter into the corporate network through Internet, such as web surfing activities by staff, TrustCSI™ UTM solution can effectively protect information transmission over untrusted zone at Internet level with various advanced protection features.



### 3. Critical Assets Protection

To safeguard enterprises critical assets that are tended to be more vulnerable to attacks with devastating results, TrustCSI™ UTM solution can offer various deployment models, which can segmentize the enterprise network into different zones. It can protect them against both insider threats and external threats, including in-house file servers that are frequently accessed by internal staff and Internet-facing servers.



### 4. Virtualized Security Gateway on SmartCLOUD™

To realize the flexibility and benefits of VM-based packaging, TrustCSI™ UTM solution can be deployed in form of virtual machine to protect enterprise's infrastructure on SmartCLOUD™ Compute or vONE platform. It provides with rapid deployment and high resiliency.



### 5. Flexible VPN deployment to secure remote access

From the diagram, enterprise network can be extended to Remote Office B via Internet with secure IPSec tunnel on top of existing Internet connection. Remote User can use their mobile devices to access internal resources (file servers, business applications) via SSL VPN tunnels securely.



### 6. Advanced Threat Detection against APT

To mitigate the raising threats of APT (Advanced Persistent Threats) TrustCSI™ UTM solution can be integrated with advanced threat detections by deploying sandbox appliance or subscribing cloud sandboxing service. Once malicious or suspicious file identified, sandbox would notify related UTM and automatically perform threat response or eradication.