

COMPLY WITH THE TECHNICAL REQUIREMENTS OF THE DEPARTMENT OF TELECOMMUNICATIONS

BalaBit IT Security Insight for Telecom Providers in India

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Stringent Regulatory Requirements

The Department of Telecommunication of the Ministry of Communications & Information Technology has recently published a letter (No. 16-27-2007-CS-III dated on 31. Jan 2013) for telecommunication providers of India. This letter describes specific technical requirements about Remote Access (RA) information.

According to the new requirements, telecommunication providers must take adequate measures to protect their subscribers' data and strictly control the remote-access of third-party network-service providers, especially if access is gained from outside of India.

Among others, the following requirements have been introduced:

- The Provider must install a local Remote Access (RA) Storage Server to directly store RA requests and commands.
- The Provider must be able to restrict RA access to India networks.
- The Provider must block all third-party RA access to sensitive data (e.g. to call contents).
- The Provider must be able to search for specific commands or keywords from the audit trail.
- The complete audit trails of remote accesses must be maintained for six months and must be provided to the authorities upon request.
- The Providers must implement the RA Storage Server within six months from the date of issue of the above letter. The RA permission will be granted only after submission of compliance regarding installation of the RA Storage Server.

Serious Consequences

Providers who fail to comply with these guidelines face serious legal consequences.

These network security requirements are very strict, and pose a challenge to telecommunication providers in terms of operational costs, compliance, and implementation. The question is how these requirements can be met the most cost-effectively.



BALABIT SHELL CONTROL BOX (SCB)



Independent & Transparent Audit Device

Shell Control Box (SCB) provided by BalaBit IT Security can help you to comply with the technical requirements of the Department of Telecommunication. SCB is introducing an independent auditor layer to oversee the working sessions of remote users. It is an activity monitoring appliance that controls privileged access to remote servers and networking devices and records the activities into searchable and re-playable movie-like audit trails. Your existing IT environment requires no change and your IT staff can do their day-to-day jobs without changing their working habits.



Key SCB benefits for Indian telecom providers

For RA control:

- Control internal and external administrators' access
- Control access via SSH, RDP, VNC, Citrix ICA, Telnet and HTTP(s) protocols
- Two-factor authentication and "4-eyes" authorization
- Real-time alerting and blocking of unwanted user actions

For RA auditing:

- Monitor and audit remote network management processes
- Protection against manipulation with encrypted, signed and time-stamped audit trails
- Long-term storage and archiving of audit trails with up to 10 TB storage capacity
- Fast, free-text search for commands and keywords

**“WE FOUND THAT BALABIT SCB
IS THE ONLY SERIOUS PRODUCT
ON THE MARKET THAT IS CAPABLE TO
SECURELY MONITOR SSH SESSIONS.”**

Øyvind Gielink, IT security Officer, Telenor Group

**“I RECOMMEND THE BALABIT SCB
FOR ITS OCR AND AUDIT TRAIL
SEARCH CAPABILITY.
I ALSO LIKE THIS SOLUTION
BECAUSE IT IS FULLY TRANSPARENT.”**

*Bogdan Mistrapau, Middleware Infrastructure Administrator,
Orange Romania.*



About BalaBit

BalaBit IT Security is an innovative information security company, a global leader in the development of privileged activity monitoring, trusted logging and proxy-based gateway technologies to help protect customers against internal and external threats and meet security and compliance regulations.

BalaBit is also known as “the syslog-ng company”, based on the company’s flagship product, the open source log server application, which is used by more than 850 000 companies worldwide and became the globally acknowledged de-facto industry standard.

BalaBit, the fastest-growing IT security company in the Central European region according to Deloitte Technology Fast 50 (2012) list, has local offices in France, Germany, Russia, and in the USA, and cooperates with partners worldwide. Our R&D and global support centers are located in Hungary, Europe.

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