Verint STAR-GATE Lite and IBM BladeCenter – Broadband and VoIP Lawful Interception solutions for Telecom Service Providers

- *Receive intercepted data from network elements*
- *Convert messages into formats that comply with CALEA, ETSI and other regulations and standards*
- *Deliver the same intercepted communications to as many as five law enforcement agencies*
- *Run their solution for the administration and delivery of lawfully intercepted targeted communications on a single blade*

Highlights

- **Designed specifically to help Tier 2/3 operators comply with lawful interception regulations and standards for broadband and VoIP**

- **Enables lawful interception, administration, and delivery of targeted communications in response to court orders**

- **The power of a robust network solution at a significantly lower cost**

- **CALEA and ETSI compliant (TI.IAS, T1.678v2, ETSI TS 102.232x and VoIP)**

- **IBM BladeCenter family provides a scalable, open standards based platform for next generation network applications**

Lawful interception of broadband and Voice over IP (VoIP) networks can be a highly complex task, with an extensive and growing range of signaling, media streams, and protocol types to address. Tier 2/3 telecom service providers seek cost-effective solutions that enable them to comply with lawful interception regulations and standards for broadband and VoIP.

Verint® STAR-GATE™ Lite helps service providers address the rapidly expanding array of regulations and standards and evolving communication technologies. STAR-GATE Lite lawfully intercepts, administers, and delivers targeted communications originating on VoIP and broadband networks in response to court orders. With STAR-GATE Lite, service providers can:

- *Define targets, court orders, monitoring centers and network elements*

Cost Effective, Secure and Easy to Use

This compact, low-capacity system provides Tier 2/3 service providers with the benefits of a robust network solution at a significant reduction in cost. STAR-GATE Lite provides a mediation device and a Windows-based Global System Administration application on one server and comes in three configurations:

- *STAR-GATE Lite for Broadband*
- *STAR-GATE Lite for VoIP*
- *A combined STAR-GATE Lite for VoIP and Broadband (on two blades)*

STAR-GATE Lite helps maintain data confidentiality and system integrity, with built-in access control, audit trails, network-secured database access, role-based user definition, manual and automatic target synchronization, data transfer communication encryption, smart password methodology, operating system and platform hardening, and more.

> "Verint offers tier 2/3 service providers a powerful lawful interception compliance solution that can use the IBM BladeCenter as a cost-effective, high-performance platform. This can generate significant economies of scale and enhance return on investment in infrastructure and training."
>
> — *Itzik Vager*
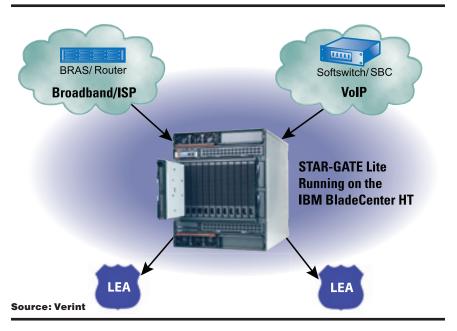> *Vice President, Business*
> *Development & Strategy*
> *Verint Systems*

Scalable, Turnkey, and Cost-Effective Compliance Solutions

Designed to manage vast numbers of targets, concurrent surveillances, and numerous technologies, STAR-GATE Lite transparently accesses targeted communications without alerting subscribers or disrupting service. STAR-GATE Lite can be easily integrated into any environment, and its modular architecture facilitates upgrade and readily adapts to accommodate new communication protocols and technologies. The IBM BladeCenter family leverages your existing IT network, reducing deployment and maintenance costs and adding value to IT investments.

STAR-GATE Lite includes:

- *Global System Administration, single-point administrative software for specifying targets, warrants, queries, reports, monitoring centers, networks, and user privileges (requires CFE windows station to run the GSA System Administration client GUI)*
- *Mediation Device, which performs the delivery function*

STAR-GATE Lite accesses your broadband and VoIP networks and delivers intercepted communications to law enforcement agencies.

BRAS/ Router

Broadband/ISP

Softswitch/ SBC

VoIP

STAR-GATE Lite Running on the IBM BladeCenter HT

LEA

LEA

Source: Verint

IBM BladeCenter family — for every customer need

The IBM BladeCenter T chassis provides hardware redundancy (power supply, I/O modules, management modules, L2 switching, mid-plane, etc.) thereby reducing potential points of failure in the solution.

The IBM BladeCenter is an advanced blade system which integrates servers, storage and networking into a single chassis — yielding significant simplification, improved density and potential TCO savings .   A single family of common server blades, storage, I/O, switches and networking modules are fully supported and interchangeable across the family of BladeCenter chassis.   The IBM BladeCenter chassis is designed as the ideal solution for data center deployments. The IBM BladeCenter H is for high performance computing platform, while the IBM BladeCenter T chassis is specifically designed for telecom central office deployments.

The new, IBM BladeCenter HT — a new, telecom optimized version of the BladeCenter H — opens new market opportunities with a new and powerful NGN platform ideally suited for telecom equipment and service providers.

The IBM BladeCenter T and BladeCenter HT deliver rich telecommunications features and functionality, including fault-tolerant capabilities, hot-swappable redundant DC or AC power supplies and cooling, and built-in systems management resources in a 20" deep chassis. The rigorous Network Equipment Building System (NEBS) Level 3 and European Telecommunications Standard Institute (ETSI) outline requirements typical of telecom central office environments in the areas of electromagnetic compatibility, thermal robustness, fire resistance, earthquake and office vibration resistance, transportation and handling durability, acoustics and illumination, and airborne contaminant resistance. The IBM BladeCenter T and BladeCenter HT chassis meet the NEBS Level 3 / ETSI requirements[1].

IBM

Verint and IBM: a winning combination

The combination of Verint STAR-
GATE and IBM BladeCenter family
delivers the performance, reliability
and affordability demanded by
mission critical telecommunications
applications. The IBM BladeCenter is
the ideal platform for the deployment
of these services providing a single
platform to help reduce operating costs
and complexity.

For more information

Learn how IBM Systems can help your
company achieve more revenue and
reduce your costs, while helping you
keep your profitable customers.

Have questions? Contact the IBM
Telecommunications team today on
how we can help you take advantage
of our extensive industry expertise.
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For more information about Verint
STAR-GATE, visit:

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