



Data Networking
Division

Korea's largest telco offers secure, high-speed Internet Services via ECI Telecom STTM200

As Korea's largest telecommunications provider, KT Corporation (formerly Korea Telecom) aims to emerge as one of the world's leading companies in the 21st century. Since its inception in 1981, KT has invested hundreds of millions of dollars in infrastructure equipment — installing over a million lines each year to make Korea the second largest telecommunications presence in Asia and the tenth largest in the world. With a strong commitment to maximizing customer value, KT is focused on continually adopting advanced technologies to support new, sophisticated services.

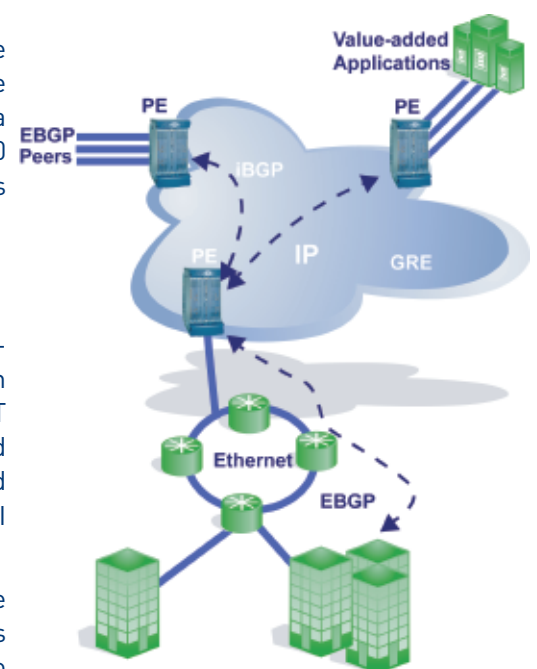
When demand for advanced, high-speed Internet services necessitated an upgrade of its KORNET metro Ethernet network, KT turned to ECI Telecom's Data Networking Division (DND). ECI's ST200 Service Edge Router enabled KT to provide business customers in 14 cities with a high-speed upgrade path from TDM-based DS-3 circuits to 100 Mbps or 1 Gbps Ethernet connectivity. Using the ST200, KT began offering Internet services with BGP peering as well as an optional service to block undesirable websites as specified by its customers.

"With its carrier-class flexibility, scalability and reliability, the ST200 has proven to be an ideal solution for Asia's leading service providers," said Atul Bansal, Chief Operating Officer, ECI Data Networking Division. "We are delighted that KT is using our ST200 to deliver advanced, high-speed Internet services to large numbers of subscribers throughout South Korea."

A Winning Performance

For the KORNET network bid process, KT elected to take a decidedly unique approach. Rather than selecting a vendor based on price alone as is typical in some telecoms equipment markets, KT developed a competitive benchmark test (BMT) that included thorough testing of IP routing, forwarding performance, QoS and security — including denial of service prevention. KT chose ECI after the ST200 won its extensive benchmark test.

"The ST200 Service Edge Router proved to be more than capable of supporting KT's next-generation high-speed Internet services with the wire-speed performance and security we required to deliver advanced services to our customers," said Y.G. Jeoung, Senior Manager, KT.



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ECI’s ST200 delivers services with unmatched performance, flexibility and scalability to support KT’s current and future requirements. The ST200’s distributed architecture ensures wire-speed performance even with all services and features enabled and thousands of customers connected. A highly scalable Internet-class routing engine supports a feature-rich suite of routing protocols and ensures reliable end-to-end service delivery that scales to meet demand. Granular QoS and traffic management capabilities guarantee dependable, predictable performance for data, voice and video traffic. And robust security features provide protection against denial of service attacks — a critical component of the KT benchmark test.

“ECI’s selection by KT is the latest proof that our ST200 is the highest performing and most feature-rich edge router in the industry,” said Mr. Bansal. “As Korea’s largest telecommunications provider, KT requires advanced features and sophisticated services delivered to large numbers of customers without compromise. The results of the benchmark testing and ultimate selection by KT demonstrate that the ST200 delivers.”

Future Deployments Planned

In addition to the current 14-city deployment, KT is planning further deployments of the ST200 in points of presence throughout South Korea’s major business centers. ECI couldn’t be more pleased. “Korea is an early adopter of many of the cutting-edge technologies that will shape the future and KT is at the forefront of this movement,” said Steve Vogelsang, VP of marketing for DND. “We’re pleased that KT has chosen our ST200 to deliver these next-generation services to its valued customers.”

“Beyond its complete IP routing support, the ST200 alone has the architectural flexibility and scalability that allows us to cost-effectively turn on a range of sophisticated services as our needs evolve over time.”

-Y.G. Jeoung, Senior Manager, KT

For company or product information go to www.ecitele.com/dnd or send information requests to dnd-info@ecitele.com. You can also contact one of ECI’s offices.

Corporate Headquarters / Research & Development Center

ECI Telecom Ltd.
30 Hasivim Street
Petach Tikva, 49133 Israel
Tel: +972 3926 6555
Fax: +972 3928 7100

US Research & Development Center

ECI Data Networking Division
Omega Corporate Center
1300 Omega Drive
Pittsburgh, PA 15205, USA
Tel: +1 412 809 4200
Fax: +1 412 809 4201

Europe

ECI Telecom GmbH (Germany)

Buropark Oberursel, In der Au 27,
61 440 Oberursel, Germany
Tel: +49 6171 6209 0
Fax: +49 6171 6209 88

ECI United Kingdom

ISIS House, Reading Road, Chineham
Basingstoke, Hampshire, RG24 8TW, UK
Tel: +44 1256 388 000
Fax: +44 1256 388 144

ECI Telecom France

Espace Velizy “Le Nungesser”
13 Avenue Morane Saulnier, 78140, Velizy,
France
Tel: +33 (1) 3463 0480
Fax: +33 (1) 3946 2118

ECI Telecom Inc., USA

1201 West Cypress Creek Rd
Fort Lauderdale, FL 33309, USA
Tel: +1 954 772 3070
Fax: +1 954 351 4404

Latin America

ECI Telecom do Brasil Ltda.
Av. Dr. Cardoso de Melo, 1460 - cj. 101/2
Vila Olimpia, 04548-005 - Sao Paulo - SP - Brasil
Tel: +55 11 3512 1600
Fax: +55 11 3512 1601

Asia Pacific

ECI Telecom Singapore
150 Beach Road #28-07/08
Gateway West, Singapore 189720
Tel: +65 6297 7335
Fax: +65 6299 2716



www.ecitele.com

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