

**Kontron and Enea Unveil ATCA Streaming Media Platform**  
*COTS-Based Hardware and Software Building Blocks Drive Innovation and Reduce Costs for Equipment Manufacturers*

**SANTA CLARA, CALIF., October 16, 2007** – Kontron, a leading global provider of open modular solutions for the communications market, and Enea, a leading provider of network software and services, will showcase today a jointly developed, AdvancedTCA, high availability streaming media platform at the ATCA Summit in Santa Clara, California.

The AdvancedTCA Gigabit and 10-Gigabit system pre-integrated with the Enea Element middleware platform provides the ideal reference platform for telecom equipment manufacturers who want to accelerate the development of content delivery systems for today's high-bandwidth subscriber services such as video on demand, IPTV, and mobile TV. By adopting a standards-driven, commercial approach, equipment manufacturers will reduce their costs, lower project risk and accelerate their development cycles.

"Kontron's high-performance ATCA open modular platforms, combined with Enea's carrier-grade, high availability framework, provide best-in-class network supervision, fault management, device management and data management services," said Benoit Robert, executive director, ATCA product management at Kontron. "Leveraging this proven reference platform results in lower resource requirements and allows equipment manufacturers to focus on driving a sustained competitive advantage."

"Version 2.3 of Element provides a comprehensive framework for building highly available, manageable and upgradeable content delivery devices, driving lower development costs for equipment manufacturers and even lower operating expenses for carriers," said Terry Pearson, vice president, Element product management at Enea. "Element is the first commercial, high availability middleware framework to include support for super-cluster-based network systems. We are pleased to work with Kontron to demonstrate this ideal solution for streaming-media-oriented applications and services support."

Element is also capable of detecting and configuring blades, tracking revision numbers, and monitoring key blade parameters like temperature, voltage, fan speed, power consumption and CPU/memory utilization. These capabilities enable maintenance of critical field-replaceable units without taking down the large content aggregation sites or regional distribution installations that are packed with heterogeneous hardware and subject to rapidly changing configurations.

AdvancedTCA acceptance is growing exponentially among major telecom equipment manufacturers, who recognize that AdvancedTCA provides the availability, reliability, scalability, and maintainability carriers

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**Kontron and Enea Unveil ATCA Streaming Media Platform**  
*COTS-Based Hardware and Software Building Blocks Drive Innovation and Reduce Costs for Equipment Manufacturers*

**SANTA CLARA, CALIF., October 16, 2007** – Kontron, a leading global provider of open modular solutions for the communications market, and Enea, a leading provider of network software and services, will showcase today a jointly developed, AdvancedTCA, high availability streaming media platform at the ATCA Summit in Santa Clara, California.

The AdvancedTCA Gigabit and 10-Gigabit system pre-integrated with the Enea Element middleware platform provides the ideal reference platform for telecom equipment manufacturers who want to accelerate the development of content delivery systems for today's high-bandwidth subscriber services such as video on demand, IPTV, and mobile TV. By adopting a standards-driven, commercial approach, equipment manufacturers will reduce their costs, lower project risk and accelerate their development cycles.

"Kontron's high-performance ATCA open modular platforms, combined with Enea's carrier-grade, high availability framework, provide best-in-class network supervision, fault management, device management and data management services," said Benoit Robert, executive director, ATCA product management at Kontron. "Leveraging this proven reference platform results in lower resource requirements and allows equipment manufacturers to focus on driving a sustained competitive advantage."

"Version 2.3 of Element provides a comprehensive framework for building highly available, manageable and upgradeable content delivery devices, driving lower development costs for equipment manufacturers and even lower operating expenses for carriers," said Terry Pearson, vice president, Element product management at Enea. "Element is the first commercial, high availability middleware framework to include support for super-cluster-based network systems. We are pleased to work with Kontron to demonstrate this ideal solution for streaming-media-oriented applications and services support."

Element is also capable of detecting and configuring blades, tracking revision numbers, and monitoring key blade parameters like temperature, voltage, fan speed, power consumption and CPU/memory utilization. These capabilities enable maintenance of critical field-replaceable units without taking down the large content aggregation sites or regional distribution installations that are packed with heterogeneous hardware and subject to rapidly changing configurations.

AdvancedTCA acceptance is growing exponentially among major telecom equipment manufacturers, who recognize that AdvancedTCA provides the availability, reliability, scalability, and maintainability carriers

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**Kontron and Enea Unveil ATCA Streaming Media Platform**  
*COTS-Based Hardware and Software Building Blocks Drive Innovation and Reduce Costs for Equipment Manufacturers*

**SANTA CLARA, CALIF., October 16, 2007** – Kontron, a leading global provider of open modular solutions for the communications market, and Enea, a leading provider of network software and services, will showcase today a jointly developed, AdvancedTCA, high availability streaming media platform at the ATCA Summit in Santa Clara, California.

The AdvancedTCA Gigabit and 10-Gigabit system pre-integrated with the Enea Element middleware platform provides the ideal reference platform for telecom equipment manufacturers who want to accelerate the development of content delivery systems for today's high-bandwidth subscriber services such as video on demand, IPTV, and mobile TV. By adopting a standards-driven, commercial approach, equipment manufacturers will reduce their costs, lower project risk and accelerate their development cycles.

"Kontron's high-performance ATCA open modular platforms, combined with Enea's carrier-grade, high availability framework, provide best-in-class network supervision, fault management, device management and data management services," said Benoit Robert, executive director, ATCA product management at Kontron. "Leveraging this proven reference platform results in lower resource requirements and allows equipment manufacturers to focus on driving a sustained competitive advantage."

"Version 2.3 of Element provides a comprehensive framework for building highly available, manageable and upgradeable content delivery devices, driving lower development costs for equipment manufacturers and even lower operating expenses for carriers," said Terry Pearson, vice president, Element product management at Enea. "Element is the first commercial, high availability middleware framework to include support for super-cluster-based network systems. We are pleased to work with Kontron to demonstrate this ideal solution for streaming-media-oriented applications and services support."

Element is also capable of detecting and configuring blades, tracking revision numbers, and monitoring key blade parameters like temperature, voltage, fan speed, power consumption and CPU/memory utilization. These capabilities enable maintenance of critical field-replaceable units without taking down the large content aggregation sites or regional distribution installations that are packed with heterogeneous hardware and subject to rapidly changing configurations.

AdvancedTCA acceptance is growing exponentially among major telecom equipment manufacturers, who recognize that AdvancedTCA provides the availability, reliability, scalability, and maintainability carriers

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**Kontron and Enea Unveil ATCA Streaming Media Platform**  
*COTS-Based Hardware and Software Building Blocks Drive Innovation and Reduce Costs for Equipment Manufacturers*

**SANTA CLARA, CALIF., October 16, 2007** – Kontron, a leading global provider of open modular solutions for the communications market, and Enea, a leading provider of network software and services, will showcase today a jointly developed, AdvancedTCA, high availability streaming media platform at the ATCA Summit in Santa Clara, California.

The AdvancedTCA Gigabit and 10-Gigabit system pre-integrated with the Enea Element middleware platform provides the ideal reference platform for telecom equipment manufacturers who want to accelerate the development of content delivery systems for today's high-bandwidth subscriber services such as video on demand, IPTV, and mobile TV. By adopting a standards-driven, commercial approach, equipment manufacturers will reduce their costs, lower project risk and accelerate their development cycles.

“Kontron's high-performance ATCA open modular platforms, combined with Enea's carrier-grade, high availability framework, provide best-in-class network supervision, fault management, device management and data management services,” said Benoit Robert, executive director, ATCA product management at Kontron. “Leveraging this proven reference platform results in lower resource requirements and allows equipment manufacturers to focus on driving a sustained competitive advantage.”

“Version 2.3 of Element provides a comprehensive framework for building highly available, manageable and upgradeable content delivery devices, driving lower development costs for equipment manufacturers and even lower operating expenses for carriers,” said Terry Pearson, vice president, Element product management at Enea. “Element is the first commercial, high availability middleware framework to include support for super-cluster-based network systems. We are pleased to work with Kontron to demonstrate this ideal solution for streaming-media-oriented applications and services support.”

Element is also capable of detecting and configuring blades, tracking revision numbers, and monitoring key blade parameters like temperature, voltage, fan speed, power consumption and CPU/memory utilization. These capabilities enable maintenance of critical field-replaceable units without taking down the large content aggregation sites or regional distribution installations that are packed with heterogeneous hardware and subject to rapidly changing configurations.

AdvancedTCA acceptance is growing exponentially among major telecom equipment manufacturers, who recognize that AdvancedTCA provides the availability, reliability, scalability, and maintainability carriers

**Kontron and Enea Unveil  
ATCA Streaming Media Platform**

require in their equipment. The Kontron open modular platform consists of two AT8020 processor nodes, each with Dual Intel® Dual-Core Xeon® processors, and two AT8902 GbE switches. Each AT8020 processor node is populated with one AM4500 SATA AdvancedMC module to store video content. The streaming media reference platform demonstrates that these components can be used to deploy key content delivery services such as live media, stored media, operating support, digital rights management, encoding, and central media switching (streaming / storage).

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**About Enea**

Enea (Nordic Exchange/Small Cap/ENEAA) is the leading supplier of real-time operating systems, middleware, development tools, database technology and professional services for high-availability systems such as telecommunications infrastructure, mobile devices, medical instrumentation, and automobile control/infotainment. Enea's flagship operating system, OSE™, is deployed in approximately half of the world's 3G mobile phones and base stations. Enea has over 500 employees and is listed on the OMX Nordic Exchange Stockholm. For further information on Enea, please visit [www.enea.com](http://www.enea.com).

**About Kontron Open Modular Solutions**

Kontron shortens the application design process by ensuring that each open modular building block is fully interoperable and designed to be both the right technology and the right architecture to suit specific development needs. Kontron pre-integrated open modular solutions offer best-in-class carrier-grade hardware platforms, combined with carrier-grade OS and middleware solutions. Kontron offers a diverse selection of AdvancedTCA processor, hub and carrier boards plus complementary field-replaceable AdvancedMC processor, storage, and I/O modules. Kontron also builds all of its AdvancedTCA platforms to be 'AMC Everywhere' enabled, offering support for AdvancedMC modules in its processor, hub and carrier products. This is a major factor in providing TEMs with unprecedented flexibility in the design of new applications, as well as to increase economies of scale by freeing up valuable AdvancedTCA system slots for other payload blades.

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