

Quatech - ThinQ

"We had a number of technical and marketing requirements in mind when we began shopping for an embedded OS. We chose the Nucleus OS because of its proven reputation, flexible business model and the wide variety of middleware components available. Each of these advantages will help us keep our ThinQ serial device servers one step ahead of the competition." --David Johnson, product marketing manager, Quatech

QUATECH SELECTS NUCLEUS OS FOR THINQ™ SERIAL DEVICE SERVERS

“**F**ounded in 1983 and headquartered in Hudson, Ohio, Quatech is the number one provider of serial connectivity to financial institutions, serving five of the top 10 U.S. banks. Through quality design, superior manufacturing and world-class support, Quatech delivers the industry's most reliable data connectivity solutions with the lowest total cost of ownership.



ThinQ

Quatech's ThinQ line of wired and wireless serial device servers, available in 1, 2, 4 and 8-port models, are the industry's performance leaders. Released with a host of unique features and the industry's most powerful microprocessor, Quatech's entry into the serial device server marketplace set new benchmarks for performance, ease-of-use and flexibility. Those with mission-critical applications requiring maximum reliability, complete emulation of a local serial COM port, the lowest latency possible, or very high (up to 921K) baud rates are discovering that ThinQ is the best serial-to-Ethernet solution available anywhere.

Quatech's Selection of Nucleus for the ThinQ

Developers at Quatech thoroughly researched the market for an embedded operating system, deciding on the [Nucleus OS](#) for a number of reasons. One was the reasonable price of Nucleus OS combined with its flexible business model. Since ThinQ serial device servers were designed to be sold in high volumes and at a competitive price, Quatech needed to control costs. Additionally, Quatech viewed Mentor Graphics as a successful embedded OS vendor with a reputation for reliability. With over 14 years of embedded experience, Mentor was seen as the right choice to sell and support embedded technology.

On the hardware side, developers planned to use the Motorola® Semiconductor (now Freescale™ Semiconductor) MPC855T microprocessor and were pleased that Nucleus OS already supported this popular chip. Quatech was also interested in its add-on capabilities for future products such as SNMP support, PCMCIA extensions and 802.11b wireless technologies.

Nucleus OS supports a number of other feature-rich, middleware components including [prototyping tools](#), a complete [TCP/IP protocol stack](#), embedded Web server software, [development tools](#) and more. Each is tightly integrated to allow the entire OS package to run seamlessly and efficiently, and allow Quatech to quickly add features that customers demand.

[Quatech Corporation website](#)

Visit Mentor Graphics at www.mentor.com/embedded for additional product information.

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