



## VIRTUALIZATION

APPLICATION ENGINEERING, SERVER VIRTUALIZATION

### ABOUT CAPAX ALPHA

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At Capax Alpha, a division of Capax Global, we specialize in meeting the specific needs of Hedge Funds and Alternative Investment companies. Our clients benefit from access to Capax Global's extensive network of over 700 of the world's best innovators, people who happen to be great with harnessing complex technology to serve business. We provide end-to-end solution delivery of whatever you need to make IT successful, including solution engagements that support product deployment to your custom requirements, application hosting, and technical staffing solutions.

### THE CAPAX GLOBAL DIFFERENCE

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As a Capax Global division, you can expect the best from Capax Alpha. We offer the best technologists, the best business acumen, and the best consulting methods – so you obtain the best business results possible from consulting services.

- ▶ THE BEST TECHNOLOGISTS AVAILABLE IN THEIR FIELDS
- ▶ OUR BUSINESS ACUMEN MAKES US A BETTER BUSINESS PARTNER
- ▶ OUR METHODS ARE DESIGNED TO DELIVER BETTER BUSINESS RESULTS
- ▶ OUR FLEXIBILITY MAKES US EASY TO WORK WITH

### CONTACT INFORMATION

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## CAPAX ALPHA DELIVERS

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### BUSINESS REQUIREMENT

A global money center bank which had acquired both a major investment bank and a U.S. super-regional bank engaged Capax Alpha to design and implement a virtualization solution to help merge the three firms' Broker/Dealer business onto a single platform.

By virtualizing the Broker/Dealer application suite, the bank expected to achieve substantial gains in both performance and capacity, enabling the application to handle the combined business volumes of all three firms. The bank also expected to significantly lower operating costs by allowing multiple data centers to be consolidated through reduced space and power requirements.

### TECHNICAL SOLUTION

Capax led the team responsible for developing the baseline application metrics and building out the performance lab environment in which the key application components were brought up and analyzed for virtualization issues.

Capax provided expert guidance to both the infrastructure teams deploying the hosting solutions, and the application development teams responsible for reconfiguring the applications for virtualized operation.

Developing a comprehensive, end-to-end understanding of guest application technologies, Capax technical leads were instrumental in proactively identifying and resolving the potential trouble-spots for the virtualized applications.

In some cases, Capax identified and resolved issues even before virtualization testing had begun. Capax also successfully virtualized embedded technologies that both the bank and the vendor's technical support had analyzed and initially concluded was not virtualizable.

To insure effective post-virtualization support, Capax staff worked with the bank's global infrastructure team to develop a shared services model that the bank could reuse for future virtualization efforts. The most significant feature of this model was its focus on Operate capabilities of a well-run virtualized infrastructure, rather than just installation process and procedures.

Capax was a persuasive advocate of a virtual support organization design structured to exploit the full potential of virtualization technology. For example, Capax developed procedures to support Application Development teams with rapid Dev and Test environment build-out and tear-down. The time needed to build out a new system environment for AD needs was reduced from 2 weeks to 1-2 days.

Capax was successful in this engagement because it looked beyond the immediate challenge of virtualizing a complex Broker/Dealer platform, and helped the client drive new technology and new management approaches into the broader organization with a reusable and highly cost-effective services template.