



Density Dynamics Corporation (DDC) is a majority owned subsidiary of SpeedUS Corp. (NASDAQ: SPDE), with a minority interest held by CrossHill Georgetown Capital. The Company was organized in early 2008 to take advantage of the availability of high performance SSD technology.

Density Dynamics has invested in the transformation of the TiGi technology into a line of products, and plans the continued development of the technology platform and the product line. Attached below is a Case Study that demonstrates the superior performance of SSD technologies acquired by Density Dynamics Corporation. For more information please visit DDC online at <http://www.densitydynamics.com> or call **(888) 293-5658**.

Boosting Scalability for Citrix MetaFrame

New Product quadruples concurrent user capacity, increases reliability

- **Company:** Ushio America, Inc.
- **Challenge:** Increase scalability on Citrix MetaFrame
- **Applications:** JD Edwards One World, Data Mining, Microsoft Office Suite
- **Environment:** Citrix MetaFrame on MS Windows Server
- **DDC SRD Effect:** Increased MetaFrame scalability from 17 to 70 concurrent users

Ushio, a specialized manufacturer of lighting equipment which has been in business for nearly 40 years, relies on Citrix MetaFrame Presentation Server to deploy all of its applications from a centralized server farm to employees across the U.S. and Canada. Key applications include JD Edwards One World, AS400 emulation, data mining, and the Microsoft Office suite. "People are banging on these applications all day long," said Danny Strand, IT Manager at Ushio, who was looking for a cost-effective way to add additional power users to its MetaFrame servers. At an existing concurrency rate of just 17 users per box, Ushio's hardware acquisition and administration costs were becoming cost prohibitive. "The Citrix concept really works, but the problem is having to constantly add additional servers to meet the needs of users," said Strand, who uses Compaq DL-360 servers with 4GB of RAM and a 4GB cache file. "It's a never-ending expense to keep buying server hardware; especially since it all needs to be managed."

Strand turned to Integration Technologies, a Platinum level solutions provider for Citrix since 1994. Integration Technologies suggested that Ushio try piloting a new product they recently added to their portfolio from TiGi Corporation now DDC. The DDC SRD is a data-throughput accelerator device that increases scalability and performance for servers and storage systems. Strand agreed to give it a try.

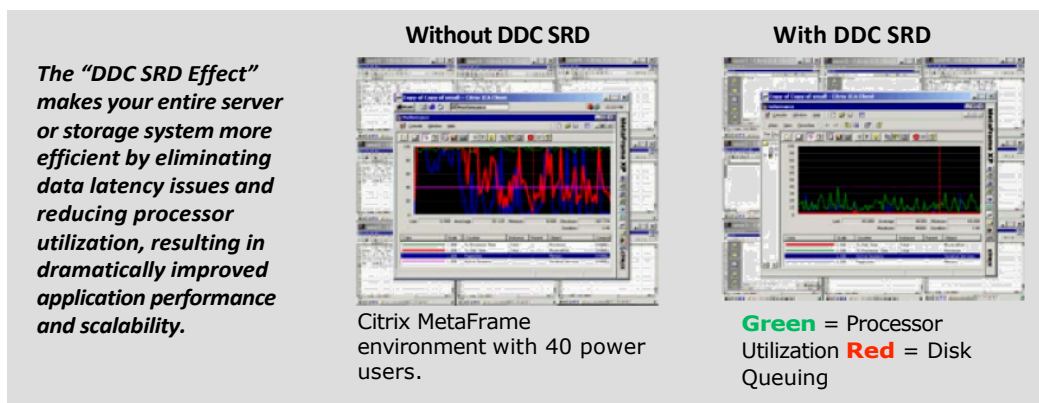
"WE ADDED FOUR TIMES AS MANY USERS TO EACH SERVER AND EVERYTHING RAN BETTER"

When the DDC SRD device was added to Ushio's production environment scalability immediately skyrocketed from just 17 concurrent users to 70. The servers were no longer locking-up as they had been doing with many less users. In addition, workers began experiencing better and more consistent performance on their desktops. "We added four times as many users to each server and everything ran better," said Strand.



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The "icing on the cake" according to Strand, was the impact that the DDC SRD had on Ushio's home-grown data mining application. Each time a user runs this application 65,000 records are manipulated to build sales forecast reports for more than 6000 products. Data residing on the company's AS-400 servers would be downloaded to a Windows-based interface on MetaFrame. "As soon as more than one person tried to run reports the whole server would crash," said Strand. "The application was getting hung-up in disk intensive operations and cache alone would not solve the I/O problem." When Ushio added the DDC SRD to the affected MetaFrame server, as many as six users could suddenly use the analysis tool at one time. "We were considering scrapping the application, but the DDC SRD saved it."



Before Ushio began testing the DDC SRD to increase its MetaFrame user capacity, they had some concerns that the product was priced about the same as adding an additional server. Their perspective changed soon after they saw it working. "Once you take into account increased performance and reliability, along with reduced administration costs, the scale clearly tips in favor of the DDC SRD."

"Anyone who has a Citrix environment should look at what a DDC SRD-enabled server would do for them – before they invest their money elsewhere," said Strand. "I 'sold' one to a guy at my church for his Citrix server." Substantially better computing experience to users while maximizing the ROI of your existing technology.

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