

# Case Study

## Gislaved Folie

»By upgrading our production servers from SunFire V490 and SunFire V240 to Fujitsu M10-1 SPARC servers, we experienced dramatic improvements in performance and a reduction in operational costs.«

Mats Hallberg, IT Manager, Gislaved Folie



### The customer

Located in Gislaved, a town in the region of Småland, Sweden, Gislaved Folie is a manufacturer of plastic foils used in various forms and settings all over the world, including furniture and kitchen cabinets, inflatable mattresses, and walls and ceilings on board ships. Gislaved Folie has produced plastic foils for more than 70 years and its foils are among the market leaders in terms of design, quality, environmental performance and functionality.

### The challenge

In early 2014, Gislaved Folie IT Manager, Mats Hallberg, realized that the company's Oracle database environment needed to be upgraded to take advantage of the financial benefits and performance of newer, more modern server technology. The company's existing SunFire V490 and SunFire V240 servers had been in use for nearly nine years, and the end of hardware service life was in sight. Mats' key criteria for choosing a new server platform for the Oracle E-Business Suite infrastructure included a platform that was not only compact and powerful, but energy-efficient and able to grow incrementally to meet future demands of the business.

### The solution

Fujitsu had recently launched the Fujitsu M10 SPARC server family and the improved efficiency over older SunFire systems was impressive. For example, the entry-level Fujitsu M10-1 server is a one rack-unit (1RU) system consuming 30 percent less power and cooling than the previous SunFire V490 server. In addition, the Fujitsu M10-1 utilizes only 20 percent of the rack space of the SunFire V490, but provides six times more performance than the fastest SunFire V490.

Mats concluded that newer Fujitsu M10 SPARC-based servers were the best solution for moving business applications off the SunFire servers that were at the end of their production life.

### The customer

Country: Sweden  
Industry: Producer of plastic foils  
Founded: 1945  
Employees: 120  
Website: [www.gislavedfolie.se/en/](http://www.gislavedfolie.se/en/)



### The challenge

As a Sweden-based manufacturer of plastic foils used for all types of surface coatings, Gislaved Folie realized that its Oracle Database environment needed to be updated. The installed SPARC servers, while still performing well, were approaching nine years in age with the end of hardware service life in sight. The company realized that it could move to more energy- and space-efficient server technology that would also improve performance and maintain binary compatibility with its existing systems.

### The solution

Fujitsu had recently launched the Fujitsu M10 SPARC server family, and its improved efficiency over older SunFire systems was impressive. Fujitsu M10-1 servers consume significantly less power, take up to 80 percent less space and are up to six times more powerful than the fastest SunFire V490.

### The benefit

- Smooth transition to modern server infrastructure without costly migration procedures, conversion or recompilation to another platform, or to a different operating system
- 65 percent improvement in application response times
- Server energy consumption and heat generation reduced by 30 percent
- 50 percent reduction in hardware and operating system service costs
- Fujitsu M10-1 Capacity on Demand (COD) provides an economical pay-as-you-grow model
- Fujitsu M10 server generates less noise compared to the previous SunFire V490

### Products and services

- Fujitsu M10-1 SPARC Servers
- Oracle Solaris 10
- Oracle E-Business Suite
- Oracle Database 10g Release 2
- Oracle VM Server for SPARC

### The benefit

Gislaved Folie's main application is the Oracle E-Business Suite which runs on Oracle Database 10g Release 2 using Oracle Solaris 10. The built-in virtualization capabilities of the Fujitsu M10-1 server include Oracle VM Server for SPARC, which was used for the Oracle E-Business Suite environment, without costly migration procedures conversion or recompilation to another platform, or to a different operating system. In fact the Fujitsu M10 server can run applications from the four latest versions of Solaris (Solaris 8, Solaris 9, Solaris 10 and Solaris 11) simultaneously on the same physical server using Oracle VM Server for SPARC and Oracle Solaris Legacy Containers, taking application compatibility back 15 years, to February 2000 when Solaris 8 was first released.

"The Fujitsu M10-1 server's Capacity on Demand (COD) feature is another very attractive proposition for us because the server's processing capacity can be tailored to meet our desired database performance and licensing requirements," said Mats Hallberg.

Gislaved Folie chose to purchase the Fujitsu M10-1 server with 75 percent of its processor cores enabled, leaving 25 percent of the Fujitsu M10-1 server's processing power ready to be activated for future demand. "Fujitsu M10 allows us to buy and activate only what we need now, so we can start small and expand as our business grows using an economical pay-as-you-grow model," added Hallberg.



Implementation of Oracle E-Business Suite on the new Fujitsu M10-1 SPARC solution was conducted in the spring of 2015, taking just three man weeks for server and storage installation, operating system and database installation, and database migration to the new platform.

### Conclusion

"By upgrading our production servers from SunFire V490 and SunFire V240 servers to Fujitsu M10-1 SPARC servers, we experienced dramatic improvements in performance and a significant reduction in operational costs," said Mats Hallberg. "Application response times improved by approximately 65 percent. Energy consumption and heat generation is down by 30 percent. Plus, our hardware and operating system service costs were cut in half." As an added bonus, Hallberg also likes the relative quiet of the Fujitsu M10 server compared to the noise of the SunFire V490 server.

### Contact

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