



Fives Syleps

Profile

- Fives Syleps is a company specialized in automation of industrial processes.

Users

- Factories equipped by Fives Syleps rely on its ERP.

Challenge

- Bring a High Availability option to the Fives Syleps ERP.

Key results

- Implementation of a simple software clustering solution.
- Uniform high availability on Linux and Windows.
- A solution with load balancing, automatic failover and real-time data replication.

Fives Syleps implements high availability of its ERP thanks to Evidian SafeKit.

Ensure availability of strategic business activities in the factory

Fives Syleps is an editor and integrator of IT solutions for industrial process. Federating complementary areas of expertise in IT - Transitsics - Robotics, it offers all actors of the Supply Chain the guarantee of a complete and competitive offer in the management and automation of industrial processes.

The Fives Syleps ERP ensures global control of the logistics chain and controls the strategic functions of the company in real time: purchasing, sales, storage, production, order preparation and shipping.

The Fives Syleps ERP optimizes the performance and management of logistics centers and SMEs, particularly in the food industry (fresh, ultra-fresh, frozen, dry products). Regarding the criticality of the environments in which it is implemented, a computer failure must be supported with automatic failover in order not to block the entire industrial process.

Reasons for choosing the SafeKit solution

To ensure high availability of its ERP, Fives Syleps chose Evidian's SafeKit solution for the following reasons:

- The solution is purely software and simple. It is implemented on standard servers without requiring a shared disk on a SAN. It allows servers to be placed in remote computer rooms.
- The solution works the same way on Linux and Windows. With the same tool, the same configuration, the same online commands, the same administration console, all clusters will be administered.
- The product provides 3 functionalities: load sharing between several servers in the same cluster, automatic application recovery on failure and real-time data replication.

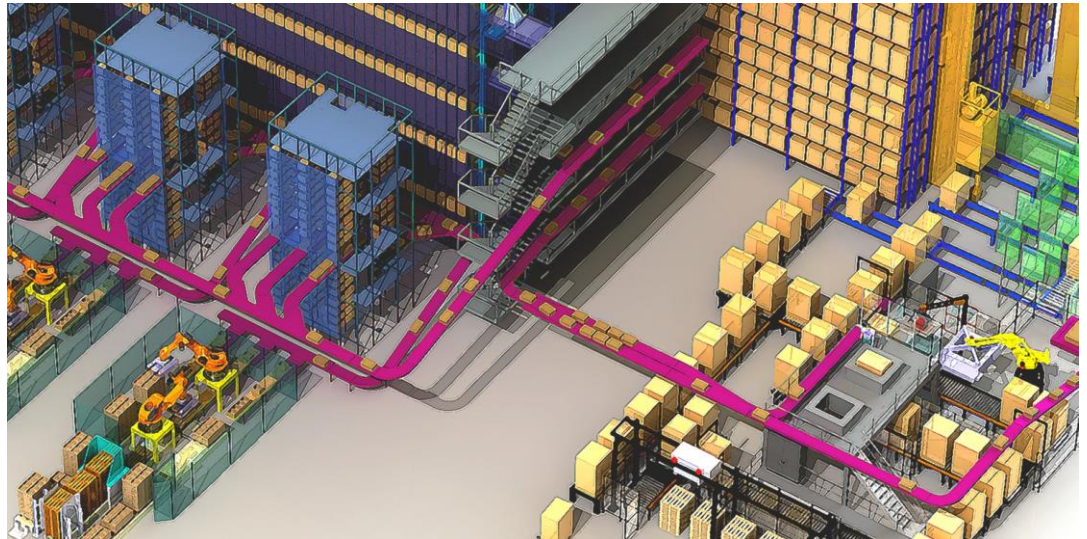
SafeKit clusters implemented with the Fives Syleps ERP

A SafeKit application cluster is characterized by:

- 2 servers with the same Operating System: Linux or Windows
- The Fives Syleps ERP installed on both servers
- SafeKit installed on both servers
- A SafeKit module which customizes the solution for the ERP

A SafeKit module consists of restart scripts and a configuration file: it defines the high availability and load sharing solution for an application. Integrating an application with SafeKit therefore involves writing your own SafeKit module. Pre-customized modules are available for many databases.

Fives Syleps has developed several SafeKit modules for high availability and load balancing of its ERP. With this purely software integration, Fives Syleps masters the high availability solution throughout its software publishing process: development, validation, installation and after-sales support.



Fives Syleps.

"The automated factories that we equip rely on our ERP. It is not possible that our ERP is out of service due to a computer failure. Otherwise, the whole activity of the factory stops.

We chose the Evidian SafeKit high availability product because it is an easy to use solution. It is implemented on standard servers and does not require the use of shared disks on a SAN and load balancing network boxes. It allows servers to be put in remote computer rooms. In addition, the solution is homogeneous for Linux and Windows platforms. And it provides 3 functionalities: load balancing between servers, automatic failover and real-time data replication."

For more information: www.evidian.com/safekit

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