

# System Visualization

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## Abstract

Fujitsu continues to demonstrate its sincere care for its customers in their ever demanding mission-critical enterprise IT environment. Without *System Visualization*, tracking systems running on a network has never been easier. This solution gathers, analyzes and models the system behavior, and renders visual data that can readily identify where and how an enterprise system is behaving irregularly.

## Technology

### • Non-intrusive

System Visualization plugs seamlessly into a networked system without disturbing its behavior. No agents on servers are required and no modifications in current applications are necessary. The network traffic information is used to provide the system behavior model which is automatically generated using our sophisticated data mining technology. This approach does not affect network performance and harmoniously works with network devices and applications by other vendors.

### • Holistic and Comprehensive Approach

Most conventional network monitoring tools only provide information on system resources such as, CPU utilization through graphical representation – graphs that are irrelevant to the services being processed. System Visualization technology has the ability to reorient the systems management function by displaying how multiple servers interact with each other during the processing of each service. It grasps the overall picture of each transaction process consisting of multiple message flows. Based on pre-generated behavior model, it can show comprehensive information on system malfunctions by highlighting the differences between model and actual behavior.

## Application Examples

### • Reliable and Safe IT Systems Management

The corresponding services provided by complex IT systems are difficult to manage. The easy-to-understand visualization of the system behavior enables a quick identification of a problem and its corrective action. It also enables, for instance, the evaluation of the effectiveness of a system upgrade, resulting in a “business-effective IT systems management”.

This technology has been commercialized as EVOLUO-TransactionEye since Feb, 2008.

