Service Virtualization

Simulate a service's behavior in a production environment.

Micro Focus® Service Virtualization provides a framework for creating virtual services for use in testing your applications under development.

You can create virtual services to simulate the behavior of services with limited access, such as unavailable or expensive services. Service Virtualization places a virtual service between the client application (application under test) and the real service to which you require access. Once you create virtual services to simulate the real services that you require, you reconfigure your client applications to use the virtual services, instead of the real services.

25% Reduction in test cycle duration

Service Virtualization consists of the following applications:

- **Designer.** A client application enabling you to create virtual services, and run simulations of real service behavior. The Service Virtualization Designer is used for design and validation of virtual services within the same desktop environment, and includes an embedded server for hosting virtual services.
- **Server.** A standalone server application which hosts the running of virtual services. The Service Virtualization Server is optimized for performance, can contain many more services than the Designer, and can be accessed by multiple Designers.

- **Management Interface.** A web application enabling you to view and manage all services from Service Virtualization configured servers, without opening the Designer or individual projects. Service Virtualization Management is installed by default when you install the Service Virtualization Server.

60% Reduction in testing costs[1]

Typical Challenges
- Lack of parallel development and early testing leads to time to market delays
- Accessing third-party pay-per-use services for testing is costly
- Inefficient test resource management increases the cost associated with procuring additional hardware resources for testing
- Inaccurate requirements and limited test coverage result in increases number of defects and remediation time

30% Reduction in number of testing servers[2]

Proof Points
- A large enterprise telecom services company achieved a cumulative

financial benefit of > $500K from implementing Micro Focus® Service Virtualization software[3]
- A Large Enterprise Professional Services Company reduced test cycles by 10–30% using Service Virtualization[4]
- Sogeti shortened test cycles by 30–50% since automating test-use cases using Service Virtualization[5]

20% Reduction in number of defects[2]

"Banking customers have a low tolerance for applications issues. We rely on Service Virtualization as a business because it helps us keep our customers happy."

SENIOR MANAGER
Performance Load Testing
Major U.S. Bank

Learn More At
www.microfocus.com/sv

1 Major US Bank Case Study
2 *Improvements are based on IDC Studies*
3 Large Enterprise Telecom Services Company Case Study
4 Large Enterprise Professional Services Company Case Study
5 Sogeti Case Study