

Bridge Configurator

An easy-to-use tool for DA network configuration and troubleshooting

- » Provides easy in-field configuration and inspection of Silver Spring Bridges
- » Supports extensible configurations through script-file augmentation
- » Offers real-time device querying for diagnostics, configuration, and statistics
- » Aids utility staff during equipment staging by verifying the installation
- » Assists RTU controller vendors integrating Bridges into their enclosures

Deploy and troubleshoot complex networks with ease

The Silver Spring Smart Energy Platform combines network infrastructure, software, and professional services to enable a range of smart grid applications. Silver Spring complements the network devices and UtilityIQ application suite with handheld tools to speed installation and troubleshooting.

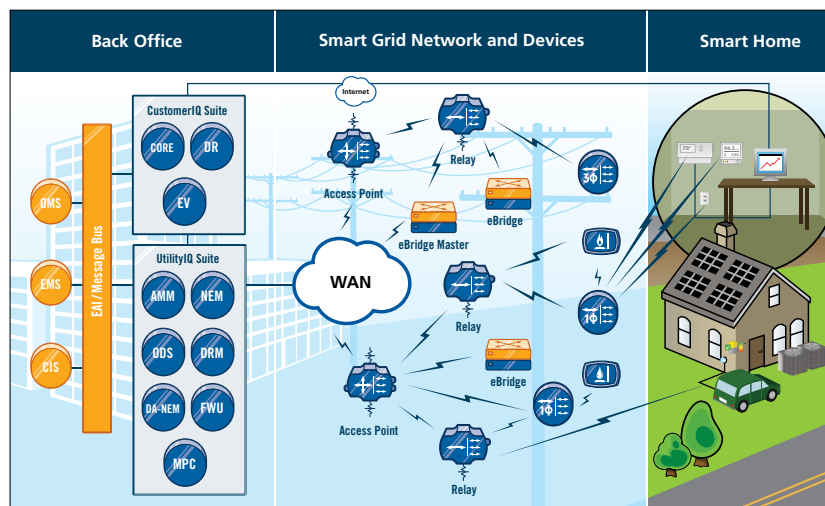
The Bridge Configurator is an easy-to-use Windows application that enables operators to quickly configure and troubleshoot small Silver Spring Bridge RF networks. The Silver Spring Bridge family of eBridge and sBridge models provides high-performance, low-latency, and secure two-way RF communications for connecting remote telemetry and control devices – such as RTUs, PLCs, and IEDs – to the utility network.

Complete DA network setup in three easy steps

To enable connectivity with a Silver Spring Bridge, the Bridge Configurator pairs with a Silver Spring Field Service Unit (FSU). The FSU is a compact, USB-powered handheld device with Silver Spring RF communications for accessing Silver Spring devices via a laptop. With Bridge Configurator, a network designer or field engineer can configure a network in fewer than five minutes following three easy steps:

1. Configure the global network parameters
2. Configure individual Master and Remote DNP3 addresses (and IP addresses if necessary)
3. Push the configuration to the Bridges through the FSU's RF link

The Bridge Configurator is ideal for pilot deployments of Silver Spring DA communications networks or for field-level inspection of an already deployed network.



An advanced, IP-based network enables the smart grid—from the data center to the customer premise.

About Silver Spring Networks

Silver Spring Networks is a leading Smart Grid solution provider that enables utilities to achieve operational efficiencies, reduce carbon emissions and empower their consumers with new ways to monitor and manage their energy consumption. Silver Spring provides the hardware, software and services that allow utilities to deploy and run multiple advanced solutions, including Smart Metering, Demand Response, Distribution Automation and Distributed Generation, over a single, unified network. The Silver Spring Smart Energy Platform is based on open, Internet Protocol (IP) standards, allowing continuous, two-way communication between the utility and devices on the grid. Silver Spring has numerous deployments with leading utilities in the US and abroad, including Florida Power & Light, Pacific Gas & Electric, Pepco Holdings, Inc., Jemena Electricity Networks Limited and United Energy Distribution, among others. For additional information, please visit www.silverspringnetworks.com.

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Support for staging facility or factory integration

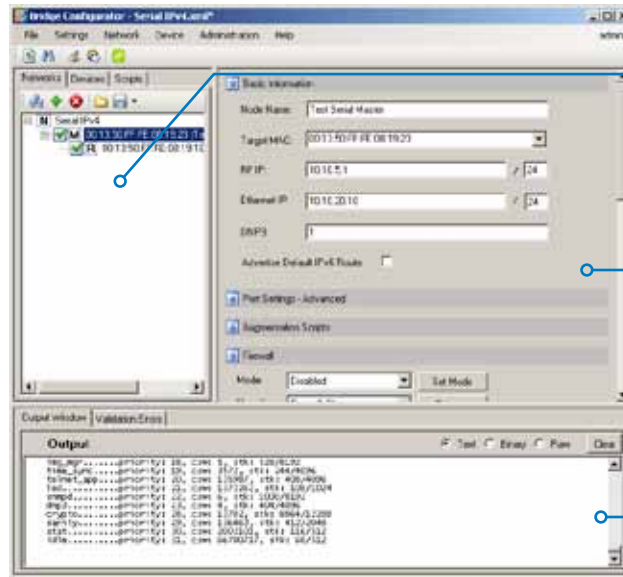
The Bridge Configurator also serves RTU controller vendors or utility staff during equipment staging when a Bridge is installed into an enclosure before field installation. Bridge Configurator can quickly help to verify initial installation and can also create the "Join File" the Silver Spring network management software needs as the device import file.

Services for smart grid Bridge deployment

Consistent with all of its offerings, Silver Spring offers a complete set of Bridge network design, testing, training, and deployment services to take the project from conception to conclusion or to augment existing staff at a utility.

PC/Laptop requirements:

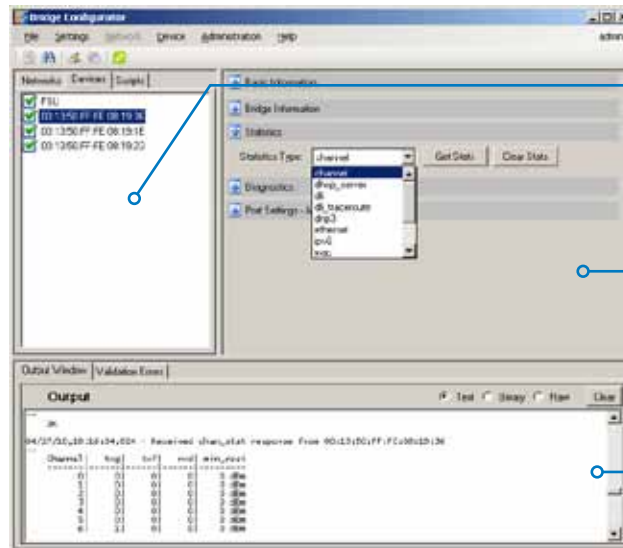
- » Windows XP
- » 450 MHz Intel® Pentium® II or faster processor or equivalent
- » 128 MB of RAM (512 MB recommended)
- » 1 GB of available hard drive
- » USB port



The "Networks" window displays the hierarchy of deployed Bridges.

The "Information" window displays configuration details for the device highlighted in the topology view.

The "Output" window validates the configuration details for each device.



The "Devices" list shows which devices are being configured or tested.

The "Information" window includes the diagnostic commands available for configuration or testing.

The "Output" window displays the results generated by the diagnostic commands.