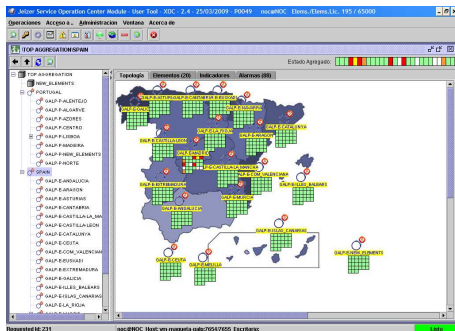
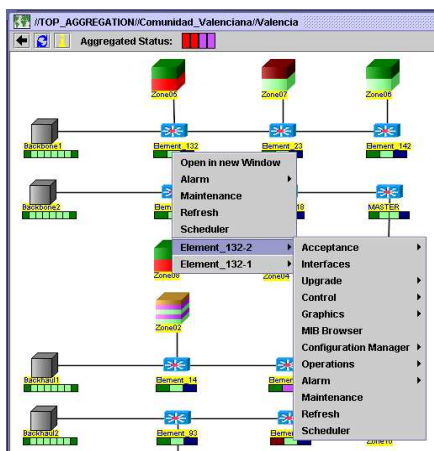


**Jeizer Wisconsin Solution** is a **Sopra Group** solution for the management of the networks based on **DS/2 Madbrik and Wisconsin** technologies. This solution is based on **Jeizer XOC** product.

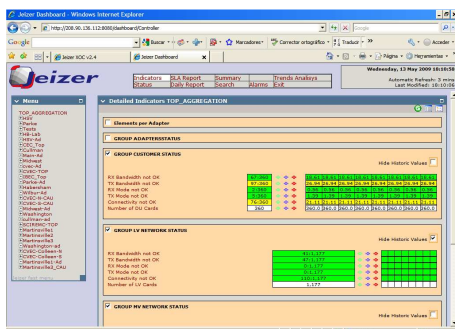
**Jeizer Wisconsin Solution** allows monitoring, provisioning, controlling and inventorying BPL devices.



**Jeizer XOC** provides views of your networks, systems, services and devices. This way, you can customize the management of your business to have a complete and integrated view.



**Jeizer XOC** provides three client interfaces: Java client, Web client and CLI client.



## Jeizer Wisconsin Solution

**Jeizer Wisconsin Solution** provides different views to control the status, events and relationships of the elements deployed over a BPL network topology.

**Jeizer Wisconsin Solution** is based on **Jeizer XOC** product; therefore, it provides the same standard features that the product has:

- Written in Java: Multi-platform support (Windows, Linux, Solaris, ...)
- Support for Oracle DB by using JDBC.
- Allows Internet and Intranet access.
- Three-tier architecture.
- Distributed architecture to support network growing
- Low bandwidth requirements.
- Centralized management of users and profiles.
- Graphical Interface for professional use (Java and Web).
- Open architecture and data model: allows integration with other applications.

**Jeizer Wisconsin Solution** is tailored to specifically manage this kind of networks: standard IP networks where most of the communication lines are power lines and most of the equipment are not only the classical routers or switches.

Support of **DS/2 Wisconsin BPL** architecture is embedded in **Jeizer Wisconsin Solution**. It allows executing specific operations such as firmware updating, displaying SNRs, BPCs and CFRs graphs, rebooting, loading new configurations in devices, etc. **Jeizer XOC** also includes an **SNMP** manager that can monitor any standard SNMP device.

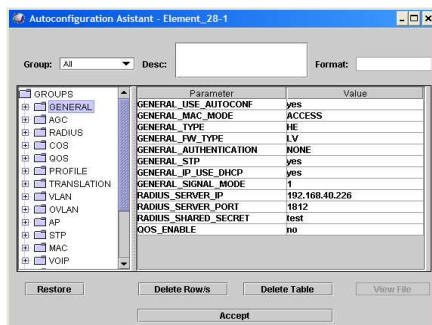
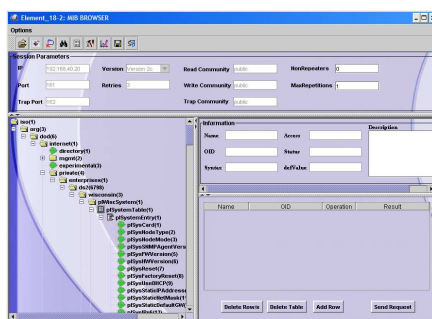
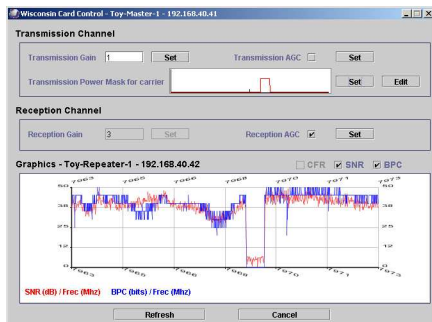
**Sopra Group**, as a partner of the most important BPL technology designer, **Design of Systems on Silicon (DS/2)**, includes the software for monitoring the newest versions of the DS/2 firmware for BPL devices.

**Jeizer Wisconsin Solution** can be integrated with the most important NMSs of the market: *HP Openview*, *Netview* and others. It can also be integrated with Trouble-Ticketing and Workflow Tools. It provides an open data model to be accessed from any reporting tool of the market.

**Jeizer Wisconsin Solution** provides three different client interfaces:

- *Jeizer Java console*. Application intended to operate, to provision and to administrate the elements, alarms, the topology and the users.
- *Jeizer Web Console or Dashboard*. Application intended to view the overall status of the network, SLA management, service performance, etc.
- *Jeizer CLI*. It is a command line interface client. It allows scripting for massive loads and automating processes. It is intended for integrators and skilled operators.

**Jeizer Wisconsin Solution** provides specific tools for DS/2 *Madbrik* and *Wisconsin* based devices management: such as SNR Viewer, Configuration Assistant and Configuration Manager.



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**Jeizer Wisconsin Solution** offers specific tools for deploying, managing and controlling DS/2 Wisconsin BPL devices:

- *Acceptance Module*. This is a specific module for executing QoS acceptance tests in the deployed BPL devices. These acceptance tests automatically update the acceptance parameter of the device.
- *Configuration Manager*. It is a graphic tool that allows managing templates and configurations repository and allows downloading or uploading configurations in BPL devices.
- *Configuration Assistant*. It is a graphic tool that allows editing the configuration files and templates of the BPL devices.
- *MIB Browser*. It is a graphic tool that allows to query or to set values of SNMP variables in SNMP devices.
- *SNR viewer*. It is a graphic tool that allows to set in a BPL device the power-mask and other values, such as TX and RX Gain, and to display in a real-time graph the new values of the BPCs, CFRs and SNRs.
- *Firmware Upgrade manager*. Graphic tool for updating firmware in BPL devices.
- *Massive Upgrade Manager*. Graphic tool for managing massive firmware upgrades on BPL devices.
- *IP Assignment*. Graphic tool for assigning IP addresses to customers.
- *DHCP Manager*. Graphic tool to manage configuration of the DHCP server.
- *Other operations*. Such as telnet, SNMP variables real time viewers, etc.

Finally, **Jeizer Wisconsin Solution** is the product that solves the management needs of **BPL Networks**:

- 24 x 7 system and network monitoring.
- Security policy based on user profiles and user logins.
- Users auditing and tracing.
- Customizable topology view of the network
- Custom BPL devices monitoring options.
- Standard SNMP devices monitoring.
- List of alarms and alarm status management.
- Displaying of the status of the parameters of the devices
- QoS and SLA indicators management.
- Configuration and firmware management by GUI
- Management of specific configuration parameters by GUI
- Scripts to integrate with CRM or Trouble-Ticketing tools.
- Execution of remote operations on devices.
- Provisioning and Configuration of Devices from GUI or CLI
- Provisioning tasks integrated with Radius and DHCP services.
- Deployment management (acceptance status).
- Storage and display in GUI of historic data for problem detection, trend analysis, checking QoS compliance, etc.

