

## Control Center: Management Simplified

Control Center provides a centralized graphical interface to simplify Sandvine policy and operations management, without sacrificing functionality

Control Center is Sandvine's unified policy and operations management graphical user interface, and provides a single mechanism for monitoring operational information, editing network policies, configuring elements, and deploying network policy control solutions. Control Center allows communications service providers (CSPs) to centrally create and deploy network-wide service policies in response to new opportunities or trends, and simplifies all aspects of Sandvine operations management by delivering real-time information and granular control. Control Center plays a key role for CSPs by providing:

- **Operational Simplicity:** Tools that empower operations teams to manage the entire Sandvine deployment across the data plane and the control plane
- **Real-Time Insight:** Detailed subscriber statistics and network-wide information to expedite diagnostics and troubleshooting, or just to let you verify that your management policies are having the desired effect

### Operational Simplicity

Control Center has multiple tools to simplify operational tasks associated with network policy control, including:

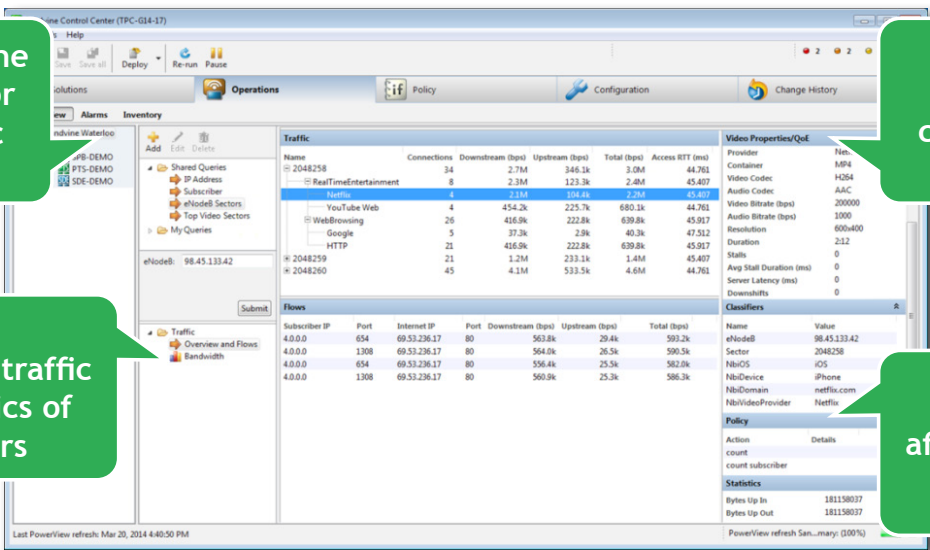
- A subscriber mapping configuration tool that simplifies the complex task of ensuring accurate subscriber awareness in your network
- The **ServiceDesigner** user interface that lets operators define and deploy new subscriber services in a drag-and-drop GUI

### Real-Time Insight

Running a network effectively requires constant monitoring and fast diagnostic trouble-shooting. Control Center delivers unprecedented centralized insight into what's happening on the entire network right now.

**“Sandvine’s Control Center is intuitive as it mirrors the way Sandvine’s command interface works. We are confident we can create and deploy network-wide service policies in the fraction of time it would take us traditionally. Sandvine’s Control Center helps simplify the overly complex process of operations management.”**

*- Al Zahursky, IT Manager*

Ability to search the entire network for subscriber traffic information

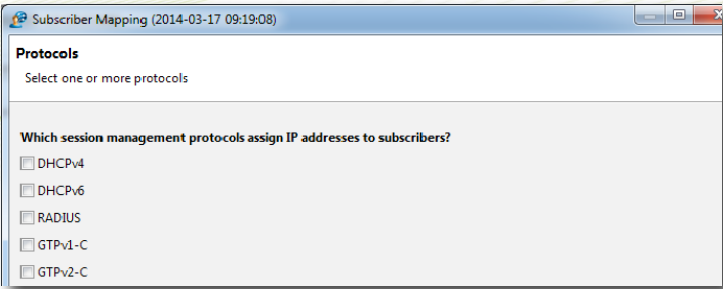
Capture and measure characteristics for individual flows

Plot in real-time the traffic characteristics of subscribers

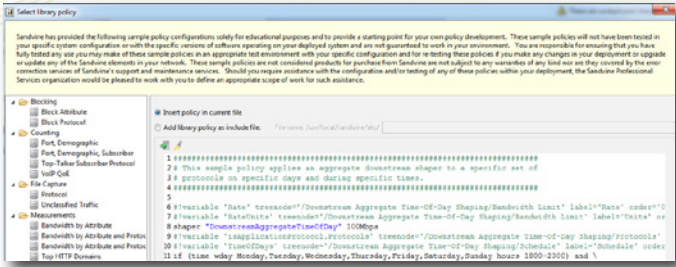
Audit policy affecting subscriber traffic

Control Center's **PowerView** is a search tool that delivers real-time information about the network and even individual subscribers, making it an enormously powerful tool for diagnostics and trouble-shooting.

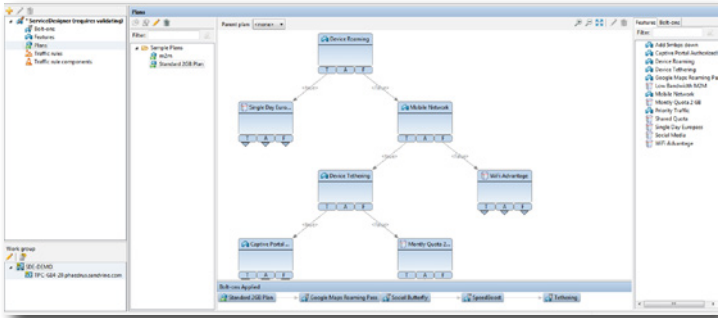
# Feature Highlights



**Subscriber Mapping Configuration:** A configuration tool to setup and configure subscriber awareness in your network. Simply choose from the options based on your network architecture.



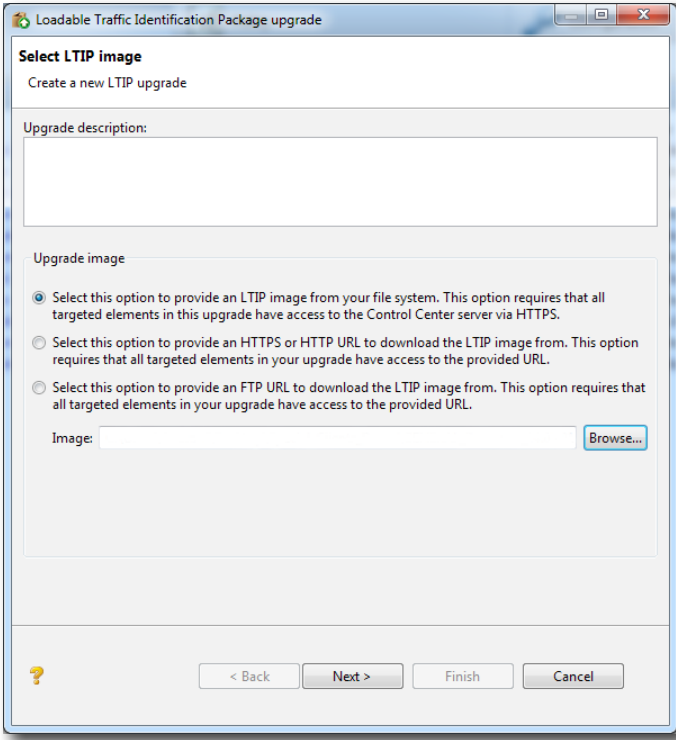
**Policy Library:** Get a head start on your management policies with a list of pre-defined and comprehensively-tested SandScript snippets covering some of the most common use cases. Just click and import!



**ServiceDesigner:** ServiceDesigner provides an intuitive GUI that lets you “drag-and-drop” features to build a service offering and that utilizes a logical hierarchy to organize your services for ease of management.

For more information, check out *ServiceDesigner: Your Innovation Interface*.

For more information about the power of SandScript, check out *SandScript: Linking Any Condition to Any Action*.



**Centralized Protocol Updates:** Control Center simplifies the arduous tasks of pushing traffic identification packages to all Sandvine elements in the data plane. Control Center pushes and applies the latest protocol update to your entire Sandvine deployment in a hitless manner.

The screenshot shows the "Sandvine Central Center" interface. It displays a table of traffic statistics. The table has columns for "Application", "Bytes Up In", "Bytes Down Out", "Rate Up In (bps)", and "Rate Down Out (bps)".

Application	Bytes Up In	Bytes Down Out	Rate Up In (bps)	Rate Down Out (bps)
Enable Encrypted	2	32%	92%	92%
HTTP	1	13.7%	12.7%	10.8%
Other TCP Protocol	39	195.7%	202.2%	144%
Other UDP	48	595.1%	518%	212%
SMTP	42	112.6%	82.2%	212.2%
Relay	6	19.2%	39%	62%
Other	1	18%	22%	48%
UDP	55	81.6%	785%	1.9%

**Real-Time Aggregate Traffic:** Control Center gives you one central location to manage and view your entire Sandvine deployment. From here, you can start by viewing aggregate traffic for the whole deployment and then drill into individual elements.