B2|Virtual View

B2|Virtual View is a powerful, efficient and interactive tool that allows IP-based application sharing within collaborative sessions.

The application is a client to the **B2|Collaboration and Integration Server**, and also supports sharing of information and knowledge over the network, such that complex work processes can be done in a cross disciplinary team.
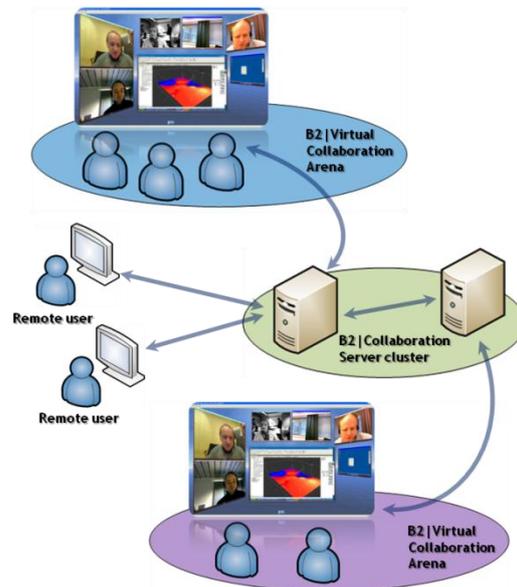
The application takes advantage of the extensive logging and documentation features of the B2 framework, and is compatible with **B2|Virtual Arena**.

Functionality

B2|Virtual View supports one-to-one, one-to-many and many-to-many collaborative scenarios, and has built in features that allow users to apply different and asymmetric mitigation strategies in collaborative scenarios with limited bandwidth.

B2|Virtual View allows realization of multi-windowing on any display surface, screen- or projector-based, without the use of traditional hardware-based screen controllers or complex cabling/switching systems.

B2|Virtual View represents a software- and IP-based alternative to RGB-cables and proprietary black-boxes, with substantial higher degree of flexibility, removing the geographic borders between users that needs to collaborate in real-time by using the IP-network. Since it is utilizing **B2|Collaboration and Integration Server**, collaboration can take place within projects and sessions, providing the required structure and envelope.
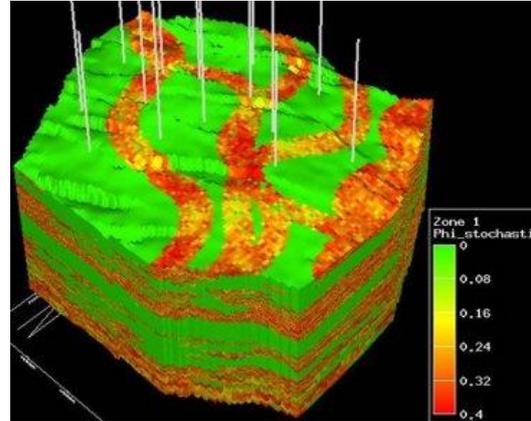
Features

- Share applications in both 2D and 3D
- No special hardware required
- Remote view-only or full remote interaction capabilities
- Linux and Microsoft Windows operating systems support and possibility for mixed sessions with full remote control (take control over Linux application from Windows)
- Asymmetric resolutions support within collaborative sessions
- Resolution independent
- Sharing of region, desktop, logical window
- Sharing of multiple monitors
- Scaling and resizing support
- Multi-windowing on any surface
- Compatible with **B2|Virtual Arena**

Relevant work flows

- Drilling support at rig or installation
- Operations monitoring in onshore operations centers
- Collaboration within discipline networks
- Main office to field office collaboration
- Remote control of multiple systems from a central location
- Real-time operations center or collaboration rooms

B2 infrastructure

The **B2|Virtual View** is one of the components in the B2 suite. The B2 suite also contains the required server and integration components, such as the **B2|Collaboration and Integration Server, B2|Meta Model** and **B2|Integration Modules**.

This common infrastructure serves end-user application clients such as the **B2|Integrated Well Planning, B2|Integrated Operations**, **B2|Virtual View** and **B2|Virtual Collaboration Arena**.