

# Mercury ES

## IP Voice Communications

### Browser Panel

*Manage all intercom, radio and telephone calls from a single user panel*

The Browser Panel is one of the most important features of the Mercury ES platform. It provides users with a single control panel from which they can communicate with other users in their security enclave or reach across security levels and domains to conduct voice communications at an unprecedented level of sophistication and speed.

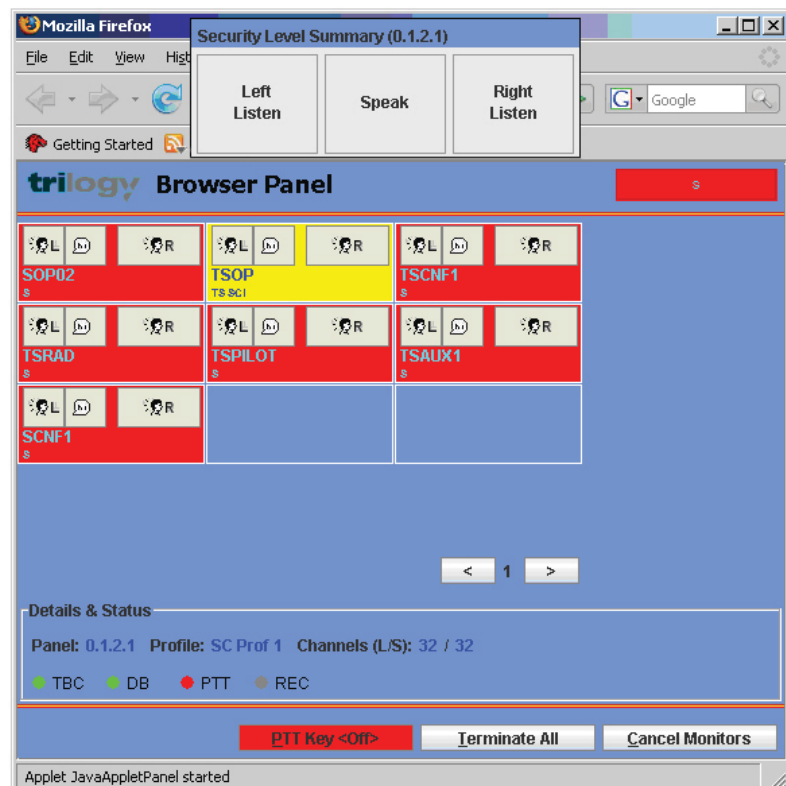
Clear and persistent labeling of call buttons, security level summary windows, speak / listen status indicators, and security dialog boxes give users the confidence they need to communicate securely and deliberately.

Because it is possible for a user to participate in many calls at a time, a Security Level Summary Reminder Window is always visible. This window indicates real-time status of the security levels with which the user is communicating.

### Key Features

- Runs on any browser-compatible operating system
- Single panel for communications across multiple levels of security and to other domains
- Single panel for for intercom, radio and telephone communications
- Full duplex intercom and telephone communications
- Route each source of audio to left, right or both ears
- Independent speak and listen
- Clear and persistent labeling to prevent inadvertent communications
- Multiple call button types (direct, conference, dynamic, monitor) within a single Browser Panel
- Managed or unmanaged conferences
- Optimized for individual user requirements based on least privileges principle
- Multiple-profile feature enables rapid reconfiguration of stations

Mercury ES Browser Panel



*See Call Type Descriptions and Additional Features on Reverse*

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### Call Types

A user will typically have many call buttons on a Browser Panel to support a variety of call types. Each call button on a Browser Panel can be individually programmed for a specific call type.

**Direct Calls** are point-to-point *unicast* calls. Full-duplex communication between parties can be established with the push of a button.

**Dynamic Calls** allow a user to type in or choose a number from a list to initiate a call. A Call Blocking List is included in the user profile and contains any subscribers to be excluded from a user's Selection List.

**Managed Conference Calls** allow conference initiators to accept or reject requests from other users to join a *multicast* conference. A pop-up window is available to indicate real-time status of conference call membership. Participants can elect to listen and/or speak.

**Unmanaged Conference Calls** enable *multicast* audio to be routed to an unlimited number of destinations. This allows many users to participate in conferences while using system resources efficiently.

**Monitor Calls** allow users to listen to another audio source. Speaking can be selected when necessary and can revert back to listening only without having to renegotiate the call.

### Additional Features

#### **Call Negotiation**

Each call button on the Browser Panel is programmed for manual or auto-answer. Manual answer gives call recipients the ability to accept or reject incoming calls. A pop-up dialog box identifies the calling party, provides security-related information, and gives the user the ability to direct the call to their left and/or right ear. Auto-answer allows calls to be accepted automatically if a security dialog is not required.

**Call Suspend** suspends all calls in progress. The user can resume suspended calls without repeating the call negotiation process.

**Call Cancelling** terminates all calls in progress, or terminates monitored calls with the click of a single button.

**Call Alert Tones**, when enabled, are heard before a call is connected. If a call negotiation dialog is required, the tone is coincident with the dialog. Alert tones can be configured independently for each call button on a Browser Panel.

**Connection Visibility Boxes** are invoked from a Browser Panel's right-click menu. This shows a list of currently active calls for a Browser Panel. This can also be used to view another Browser Panel user's call status.

**Two-Channel Operation** allows the user to create a headset audio mix that routes audio sources to the left and/or right ear for improved situational awareness.

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