Live connection and remote control

Live connection/remote control overview

The system allows the user to select a Live connection to the server, in which case all displays are updated periodically to show the latest data from all devices. If a Live connection has not been selected then the user can recall measurements for any device on any server for review and analysis.

When Live connection has been selected, Remote control can also be selected. When Remote control has been selected the user interface can be used to control the selected device in the same way as the user interface on the device itself.

Live connection off

The Live button is located on the left-hand side of the toolstrip. It is greyed out when off:

The FILE menu is now enabled, and the user can change the server connection using Connect Server if required. Any device can then be selected using the Equipment tree view and stored data from the selected device can be recalled from the FILE menu using RECALL MEAS or RECALL ADHOC. The default project for the selected device is automatically selected, but any other project for the selected device can be selected from the SETTINGS menu using PROJECT.

Live connection on

When on, the Live button has a white background:

Operation of the system when Live connection has been selected depends on the Remote control setting. This is turned on and off using the Remote button to the right of the Live button. If Remote control is off the button is greyed out. In this case, all displays will be updated as changes occur on the connected devices.

When on, the Remote control button has a white background:

The user interface can now be used to control the selected device in the same way as the device user interface. Changes are requested from the user interface, and confirmed once the selected device has acknowledged each change. The delay in the execution of each change depends on the speed of the network connection of this system and the device.