

Get Out of the Window!

A novel approach for device monitoring and connecting

Challenge

MSD provides instruments that are used standalone. However, there are situations where these instruments need to be connected to a PC so data can be uploaded or firmware can be updated. The connection to the PC could be a USB connection or a wireless connection. What is the most intuitive UI for these devices?

Traditional Approach

- Make an app contained in a rectangular border – a window
- Give it a menu at the top
- Add a tool bar below the menu
- Fill the body with buttons and text boxes to control and view the device



A Different Approach

- Make an app that looks like the actual device
- Put the controls in the same place as the controls on the device
- Allow the app to live in the system tray until a device is connected.

3M™ Clean-Trace™ Synchronization Manager

- Connects the Clean-Trace™ Luminometer LX25 to the Quality Control Data Manager application
- Uploads Audits
- Downloads organizational information
- Updates Firmware

3M™ Attest™ Connect

- Uploads and saves incubation records. Allows users to add metadata to them.
- Allows some device configuration – disable/enable alarms and set time.
- Connects the Attest™ Mini Auto-reader 490M to the backend data collection in the cloud
- Connects the Attest™ Mini Auto-reader 490M to third-party instrument tracking systems
- Updates Firmware



Medical Solutions Division