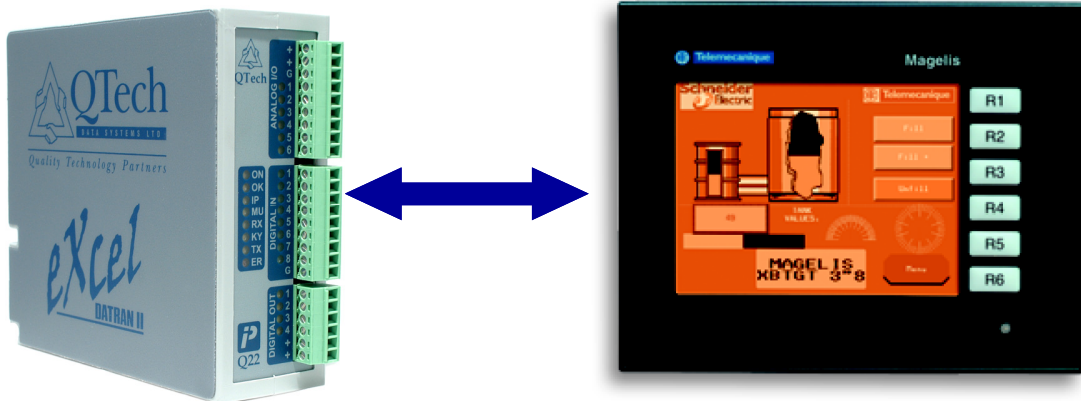


DATRAN™ RTU - Magelis HMI Interface



The Magelis HMI (Human Machine Interface) is a class leading 'touch screen' operator panel that can now be integrated with a DATRAN RTU to provide unprecedented clarity and real time visibility of plant operation.

The system is ideal for sites where operator visibility of system performance is required and can be deployed for a fraction of the cost of a traditional PC software based graphical user interface.

The interface can be used with new and existing DATRAN systems, both with or without a DATRAN VI SCADA Base Station.

With the power of DATRAN, any combination of the following is possible

- View alarms
- View events
- View graphs of RTU logged data
- View analogue data in engineering units
- Control outputs
- Change set-points

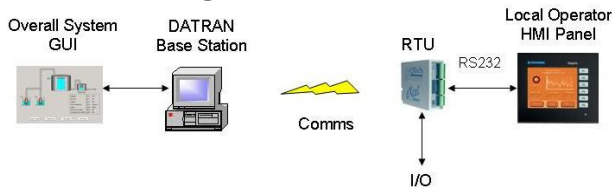
Key features include:

- Touch screen technology available in many sizes
- Serial Modbus communications to DATRAN RTU
- Versatile graphics software
- Robust operator panel case design
- Operator access level control
- Highly configurable for custom applications

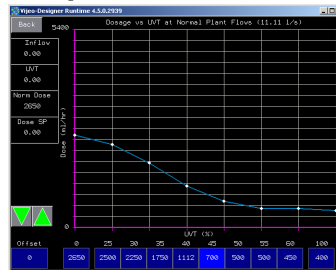
Key benefits include:

- Visibility and control of site processes
- RTU and Site Data can be read without a laptop PC
- Alarms or Trends can be viewed without a Base Station PC

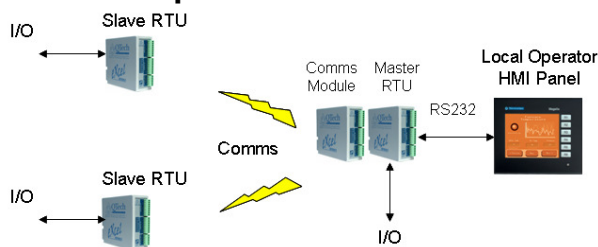
Typical System Layouts With existing DATRAN Base Station



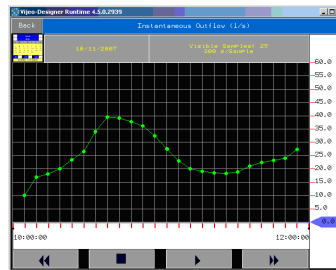
Typical Application Screen Shots Setpoint Control



Typical System Layouts With multiple RTUs



Historic Trending



Clear Display of Analogue Data and units

Analogue Values	
Reservoir Level	0.00 %
Instantaneous Inflow	0.00 l/s
Instantaneous Outflow	0.00 l/s
Backwash Pump Outflow	0.00 l/s
Turbidity	0.00 ntu
Raw Water UVT	0.00 %
Daily Outflow	m3
Daily Inflow	m3
Backwash Daily Outflow	m3
Sumaclear Dosage Output	0.00 mL/hr

Alarm History Display

Message	Alarm Time	RTN Time	State
Reservoir Level High	10:00:00	10:00:00	ACTIVE
Reservoir Level Low	10:00:00	10:00:00	ACTIVE
Backwash Pump Outflow High	10:00:00	10:00:00	ACTIVE
Backwash Pump Outflow Low	10:00:00	10:00:00	ACTIVE

RTU Compatibility

- QRTU and eXcel RTUs with Firmware v5 and later, further improvement in v5.21+.

Magelis Touch screen applications can be customised and tailored to the individual needs of your site. QTech offer a complete “out of the box” solution including all hardware and configuration.

Please contact QTech for a system implementation proposal.