

DYNAMIC LINK BETWEEN IOX2 SOFTWARE & DSI IMPLANTABLE TELEMETRY

Combine your existing infrastructure
with a versatile & comprehensive acquisition and analysis software

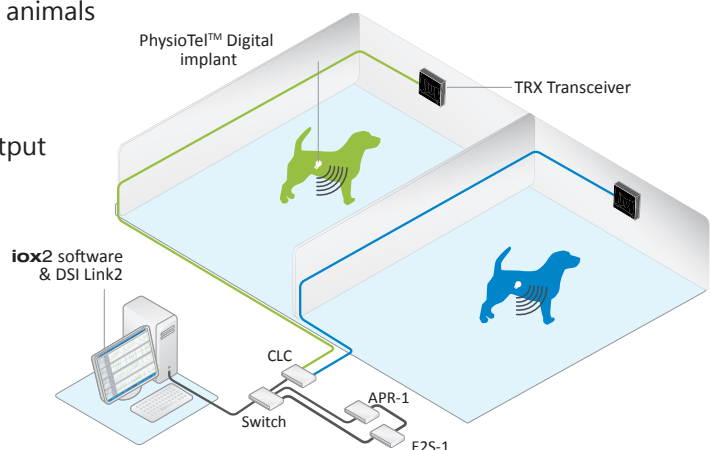
KEY FEATURES

- » Acquires telemetry data from DSI PhysioTel™ Digital and HD implants
- » Performs real-time analysis in iox2 software

HARDWARE COMPATIBILITY

iox2 software with its DSI Link2 can be used with:

- » PhysioTel™ Digital implants, designed for large animals
- » PhysioTel Digital Transceiver (TRX)
- » Communication Link Controller (CLC)
- » C12V converter, to collect data from analog output
- » PhysioTel® HD implants
- » PhysioTel® receivers
- » Matrix 2.0 (MX2)
- » Ambient Pressure Reference Monitor (APR)
- » E2-S1 module



IOX2 DATA ACQUISITION & REAL TIME ANALYSIS

- » Up to 250 inputs (10Hz to 100kHz)
- » Real-time signal analysis and display, trend graphs
- » Data tables, event logbook
- » Protocols as experimental guideline or automation
- » Synchronized video recording and review

Specific analyzers for real time processing of:

- » ECG, EEG, EMG
- » Lung resistance/compliance, double chamber plethysmograph
- » Temperature, onset of fever, acceleration
- » Slow & rhythmic contractile tissue
- » Blood pressure & flow, pulse pressure, LVP
- » Action potentials
- » Pressure/volume loops, pressure/distance
- » Cystometry
- » Ventricular wall thickness or segment length
- » Power spectrum analysis and also nerve, etc.
- » Respiratory flow, penh, cough & apnea detection