

Stellar Telemetry, distributed worldwide by TSE Systems, is an implantable animal telemetry system measuring activity, pressure, heart rate, biopotentials and temperature.



Stellar telemetry system

The system allows monitoring a large number of animals with just one receiver thus allowing group housing social interaction studies and monitoring of animals without the need for individual dedicated platforms under each cage with only one animal.

KEY FEATURES

- Online data acquisition from Stellar Telemetry implants.
- Automatic correction of pressure channels by measured ambient pressure.
- Implant battery level monitoring.
- Available in NOTOCORD-hem™ Evolution (version 4.3.0.69 and above).
- 24h data recording on board
- GLP and 21 CFR Part 11 compliance

COMPATIBILITY WITH NOTOCORD-HEM™

STE10a/b/c is a dedicated acquisition server for Stellar Telemetry implants that connects up to 8/16/32 implants respectively.

Combined Stellar Telemetry / NOTOCORD® solutions find applications in:

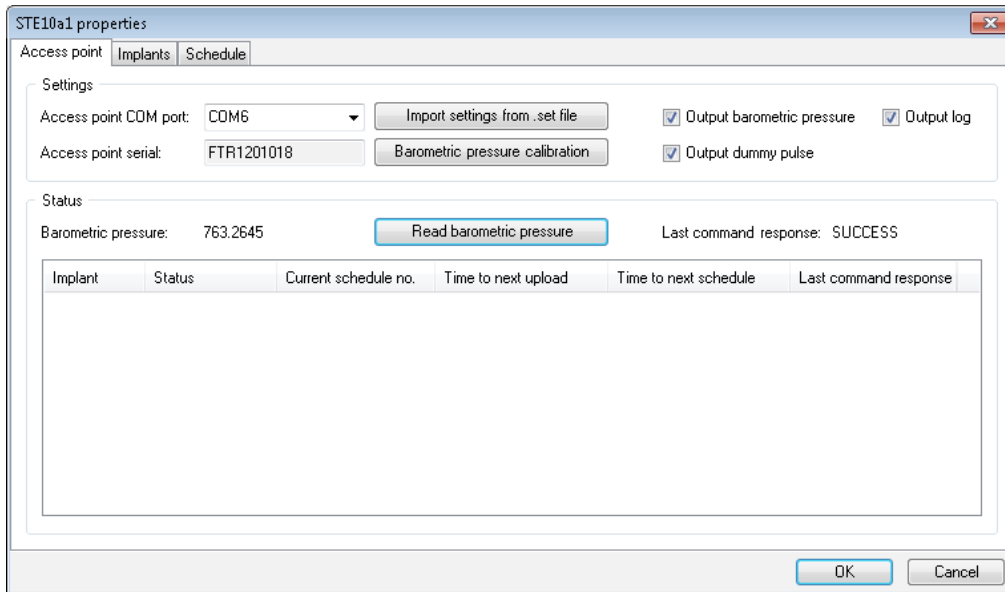
- Recording of biological signals (blood pressure, biopotentials such as ECG, EMG, EEG, EOG).
- Recording of temperature (core body, brain, tail, Brown fat, etc.) and activity.
- Signal acquisition for Safety Pharmacology and Toxicology studies.
- Monitoring animals in social housing environments with no restriction in size and number.

OUR ACQUISITION SERVER

STE10a is a dedicated acquisition server designed by NOTOCORD® for signals sent by Stellar Telemetry system. Stellar Telemetry implants are automatically detected by STE10a.

STE10a provide outputs for the channels specific to each implant and for three common channels to display the barometric pressure, the current time position and the interface error messages.

Any change in the settings of the module is traced in the Audit Trail. User permissions on STE10a can be restricted using AMG50a (AccessManager) for GLP environment.



STE10a properties window

+ Related products

- APR31a Arterial blood pressure analyzer
- ECG51a Semi-automated electrocardiogram analyzer

Working in a GLP environment?

21 CFR Part 11 compliance is achieved via our AccessManager security application, activating a highly secure and compliant Audit Trail.

STE10a

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