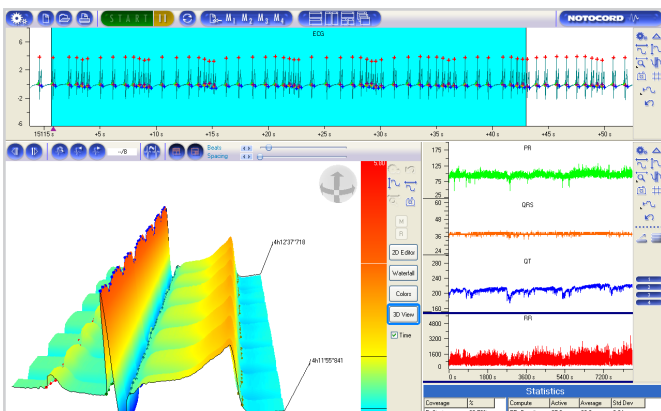




# NOTOCORD-hem™

DATA ACQUISITION, ANALYSIS, DISPLAY & REPORTING

NOTOCORD-hem™ is an advanced software platform designed to acquire, display and analyze physiological signals. Our expertise covers Cardiovascular, Respiratory and Nervous system signals.



Example analysis with NOTOCORD-hem™

Our solutions are fit for preclinical R&D, including efficacy testing, early safety, regulatory safety pharmacology and toxicology studies. Built as a modular and customizable system, NOTOCORD-hem™ offers:

- A **wide portfolio** of software modules and applications for data acquisition and analysis,
- **Flexible** data handling and display thanks to user-friendly interfaces,
- An exclusive and **fast reporting** system in Microsoft Excel®, with the possibility to create time saving customized templates.

## SECURITY

NOTOCORD-hem™ can be installed in a GLP environment, adding **access control** and **audit trail** functionalities, restricted access to authorized individuals and use of electronic signatures. Compliance with **21CFR Part 11** for GLP studies is ensured.

## KEY FEATURES

- Over 160 modules and applications
- Simultaneous acquisition from different sources and systems
- Compatibility with most hardware
- Easy configuration and display
- Real-time signal analysis i.e. during acquisition
- Real-time data review
- Ultra fast access to data whatever the file size
- Fast and customizable reporting in Excel®
- Single file containing all data (> 10 GB possible)
- GLP and 21 CFR Part 11 compliance

## FLEXIBILITY

NOTOCORD-hem™ acquires and analyzes signals from a variety of **experimental setups** including:

- Various animal species
- Conscious / anesthetized animals
- In vivo / in vitro / ex vivo
- Implants / non-invasive telemetry

NOTOCORD-hem™ is an open software platform **compatible** with multiple acquisition devices, including implants, and other software.

# FROM ACQUISITION TO REPORTING: STEP BY STEP

The use of NOTOCORD-hem™ Evolution for your studies can be divided in five major steps:

## 1 - Build the configuration

Building a configuration consists in linking modules of interest in order to assemble a system able to perform all acquisition, analysis and display tasks required for the experiment. The modules' parameters can be modified for a truly customized analysis.

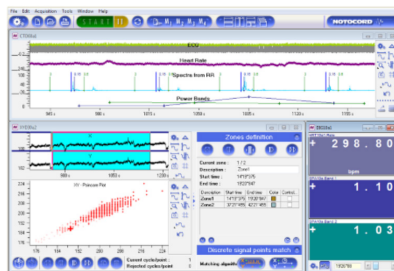
## 2 - Acquire experimental data

Thanks to dedicated acquisition servers, NOTOCORD-hem™ is compatible with the main hardware on the market: Buxco, Corscience, Data Translation® PCI and USB A/D cards, DSI™, Hugo Sachs Electronics, ITS, Millar® Instruments, TMS International, etc.

A file may include several acquisition periods which may last from a few seconds to a few days. Scheduled recording is possible for programmed acquisition periods.

## 3 - Display signals

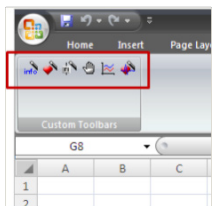
NOTOCORD-hem™ provides several types of display with advanced capabilities: continuous, digital, 2-D, 3-D, video... Signal display (style, color, thickness, etc.) is customizable to meet the user's preferences. Graphical superimposition is available for data curves and tendencies comparison. There are no limitations in the number of displays; each display may show up to 20 individual graphs.



## 4 - Analyze & review data

NOTOCORD® proposes an extensive library of signal processors and analyzers dedicated to cardiovascular, respiratory and nervous system signals. Nearly all analyzers can perform real time analysis. Real time data review is possible, i.e. during acquisition, without inducing any interruption.

## 5 - Report in Microsoft Excel®



Thanks to the **Excel wizard**, a unique reporting system conceived by NOTOCORD®, data are **extracted quickly and efficiently** in Microsoft Excel®. This function is designed to drastically reduce the time needed to generate reports as users benefit from different time-saving assistants and may create their **own extraction templates** for further data extraction.

**Traceability** is ensured as the origin and location of the extracted data are included in the report.

NOTOCORD-hem™

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Speeding up Research, Empowering Science™