TRANSFORM THE HEALTHCARE ENTERPRISE
WITH NEAR REAL-TIME ACCESS TO DATA LOCKED INSIDE YOUR ELECTRONIC PATIENT RECORD

The Nautilus 835 Data Analytics platform unlocks the rich array of data held within the Cerner Millennium electronic patient record to transform and drive improvement across the hospital and meet the constantly growing demand for real-time information.

Developed in partnership with Lewisham and Greenwich NHS Trust, the fast-impact solution is designed to access data which is not easily available through standard messaging or proprietary tools, or which is simply not available in a timely manner.

The 835 platform comprises two core components:
- The Extract Layer gathers data from source databases (for example Millennium, Capacity Manager)
- The Transformation Layer includes a set of consumable data marts that present data ready for immediate use by trust information teams in their preferred analytical tools.

Nautilus 835 Data Analytics delivers accurate and timely data that can be used for multiple clinical and administrative purposes. It is now being used by numerous trusts to underpin improvements in analytics, discharge, maternity, and patient flow.

The 835 solution also offers a web-based Research Portal and an anonymised data mart to enable organisations to search, identify and establish cohorts of patients based on a range of search criteria for the purposes of medical studies, research and clinical trials.

EFFICIENT
- Direct data extracts from Cerner Millennium
- Data is available in near real-time to support reporting, analysis and operational dashboards
- Supports use of real-time applications such as mobile apps, clinical portals, patient workflow, and FFT messaging.
- Extraction methods include Net Change, Change Data Capture, Publisher/Distributor

INTEGRATED
- Industry standard architecture with staging areas, data marts/cubes and reports
- Supports multiple reporting and data management requirements
- Compatible with leading reporting tools
- Provides transparency with full audit trail of data

ADAPTIVE
- Extensible to multiple departments and operational functions
- Progressively adds and updates data marts with input from end users
- Designed to support agile definition and software changes
- Available with full integration and deployment support using Nautilus domain expertise and professional services

Nautilus Consulting helps healthcare providers realise the clinical and operational benefits of data-driven digital healthcare, with smart solutions and support that address healthcare's real-life technology challenges.

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