DATAARC

For health systems consisting of multiple sites, departments, and resources, operational analysis can be overwhelming when you are viewing an abundance of spreadsheet reports. The interoperability of technology has made it possible to migrate data from transactional databases and store it in a centralized repository, such as a healthcare **enterprise data warehouse (EDW)**.

However, having all hospital data stored in a giant database isn't enough; compiling the information so that it can be easily interpreted for quality analysis is vital. After all, healthcare executives rely on hospital big data analytics for financial planning, budgeting, forecasting, and determining if key performance indicators (KPIs), such as patient satisfaction standards, are being met.

Considering foodservice, nutrition, and retail services impact the overall success of a health system, there is a need to bridge the data from these areas with a healthcare enterprise data warehouse. For that reason, Computrition developed **DataArc** to optimize data warehousing for enterprise foodservice management systems.

With an agile three-step process, data analysis is taken to a whole new level. Using **Extract, Transfer, and Load (ETL) technology**, DataArc extracts data from Hospitality Suite systems (FOM, NCM, and SP!), and allows you to transform them into visually understandable formats and recurrently load them on a dedicated data warehouse.

With enhanced depictions of measurable outcomes, DataArc will be resourceful in catapulting healthcare enterprises towards continual progress!

OPTIMIZE YOUR HEALTHCARE ENTERPRISE DATA WAREHOUSE!

FEATURES

Seamlessly integrate
with existing Hospitality Suite systems

Ensure consistency
of shared data for ongoing standardization throughout the supply chain

Generate intelligent dynamic reports
and integrate with visualization tools

Equip healthcare leaders to conduct
thorough reviews of historical trends pertaining to:

- meal service history
- tray delivery analysis
- cost of overproduction
- inventory movement
- cash register activity

Migrate data
from all integrated datasets to EDW

Configure multiple ETL types
to extract specific data regularly

Set up automatic imports
of extracted data into EDW in delimited text format

Receive email receipts
of activity summary reports

Provide estimates
of data export size

Option to run one-time exports
for historical data

Data Reference Guide
provides flexibility to write reports based on the format of the data

BENEFITS

Visually depict data in the form of graphs and charts

Examine food-related errors

Discover areas of improvement for the patient experience

Correct food waste issues

Target lost sales

Promote better utilization of enterprise foodservice systems to ensure clean data

Data-Driven Decision Making

The insights produced by hospital big data analytics helps recognize negative operational patterns. This capability drives corrective action, leading to enhanced future best practices like:

- **Increasing utilization of foodservice automation**
- **Updating food safety measures**
- **Controlling food costs**
- **Streamlining retail throughput**