



# 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 SPI), 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