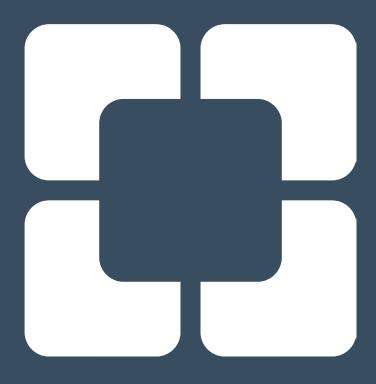
Building a Resilient Supply Chain

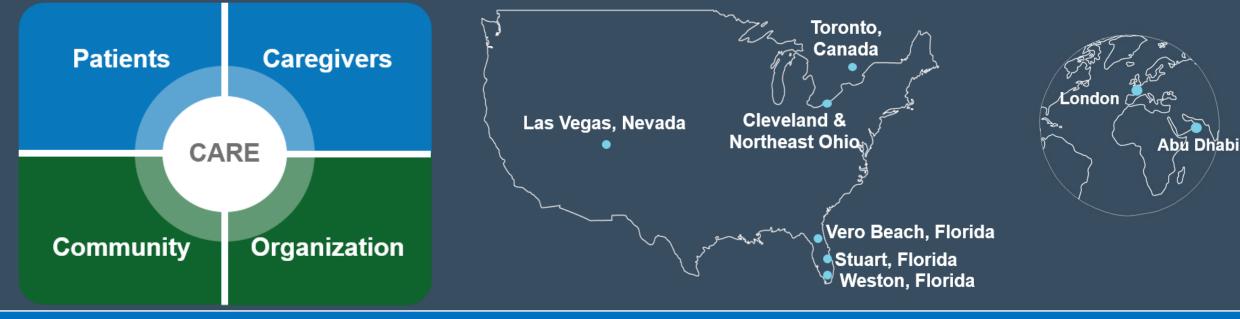
Steve Downey





Cleveland Clinic

By the Numbers – 2023



PATIENT CARE

3.5M unique patients worldwide

15.7M

patient encounters worldwide

14.1M

outpatient encounters

333K

admissions & observations

320K

surgeries & procedures

6.7K

beds

280

outpatient locations

CAREGIVERS

83K caregivers worldwide

5,786

physicians and scientists

16,845

nurses

2,369

residents & fellows

)

Supply Chain & Support Services

Scale of Operations



1.3M

Purchase Orders

>306K

Database Items

PO Lines

>4.4K

Inventory Locations

\$42M

Consigned Inventory

>7K

Contracts + Service Agreements

>1,600

Team Members

\$1.18B

Capital Projection (2025)

10K

Retail Customers/Day

28.5M

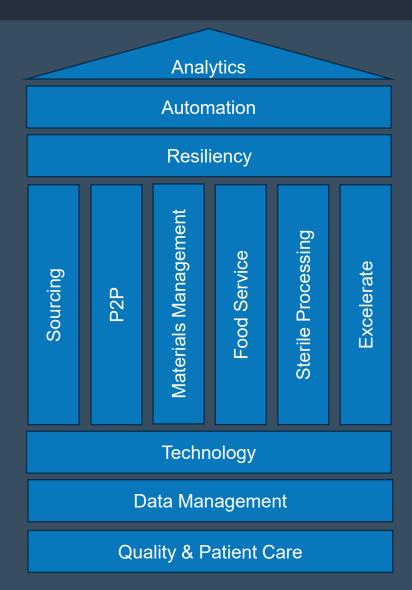
Instruments Processed

15K

Meals Served/Day

Processed Linens (Lbs)

Building a Digital Ecosystem



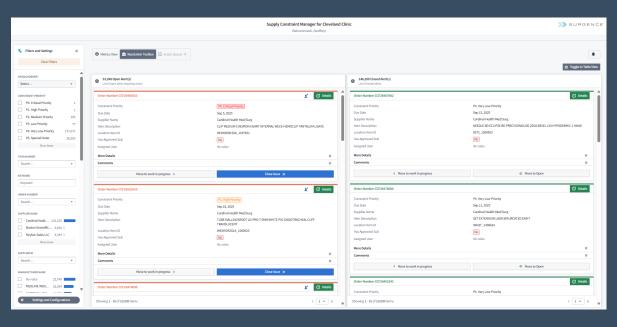
Vision:

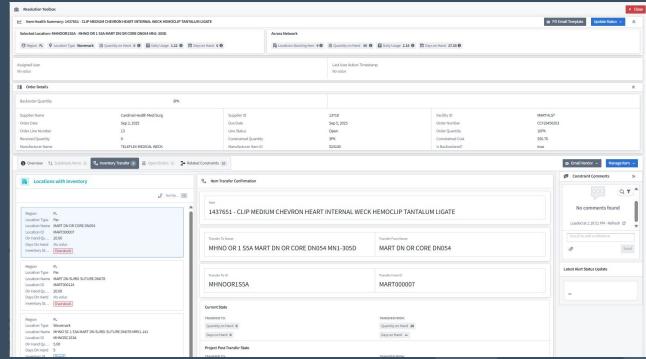
Aligning people, process and technology to build a resilient ecosystem where information provides actionable insight to predict future trends, drive efficiency and reduce costs.

Visibility & Demand Planning Next Step to Resiliency

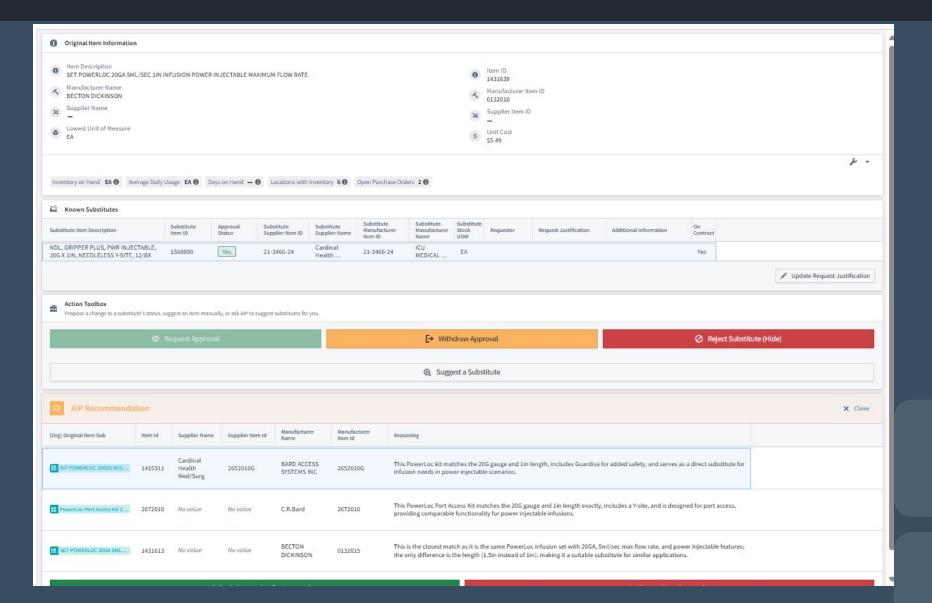


Supply Chain Control Tower Automated constraint management





Supply Chain Control Tower Al Driven Substitutes



On-Time and In-Full Creating a common definition

Definitions

Start = Order Placement End = Proof of Delivery

Calculation

On-Time = Line Received On-Time (0% or 100%) In-Full = Line Received In-Full (0% or 100%)

On-Time and In-Full = On- $Time \% \times In$ -Full %

On-Time and In-Full Creating a common platform



SCSS AI & Automation

Creating value, efficiency, and accuracy for our teams



RPA

- Contract Workspace Creation
- Product Conversions
- Rejection Communication
- Item / Contract Updates
- Payment Request Compliance
- pCard Termination



AI | ML

- Contract Summary
- RFx Assistance
- Questionnaire Assistance
- Video Training Assistance
- Purchasing E-mail Data
- Contract Risk / Clause
 Comparison



Predictive Analytics

- Constraint Management /
 Disruption Monitoring
- Tariff Analysis / Country of Origin Risk
- MFN Notification
- Advanced Inventory Management



Clinical

- Bill Only / Loaner Tray
 Validation
- Procedure Card Variation / Scorecards

Next Generation Al Integration

Focus on Workforce Optimization & Operational Efficiency



RPA

- Item Builds
- Order Acknowledgements
- Late PO Confirmations
- Contract Data Reconciliation
- Instrument Data Updates



AI | ML

- Contract Builds
- Category Intelligence
- Intake
- Contract Builds
- Menu Suggestion / Allergy
 Monitoring
- Supplier Improvement Plans



Predictive Analytics

- Delayed Shipment Impact
- Contract Analysis
- Rebate Analysis
- Non-Procedural Utilization



Clinical

- Bio-burden Review
- Implant Logic
- Procedure Card Conversions
- Tray Assembly

Questions

