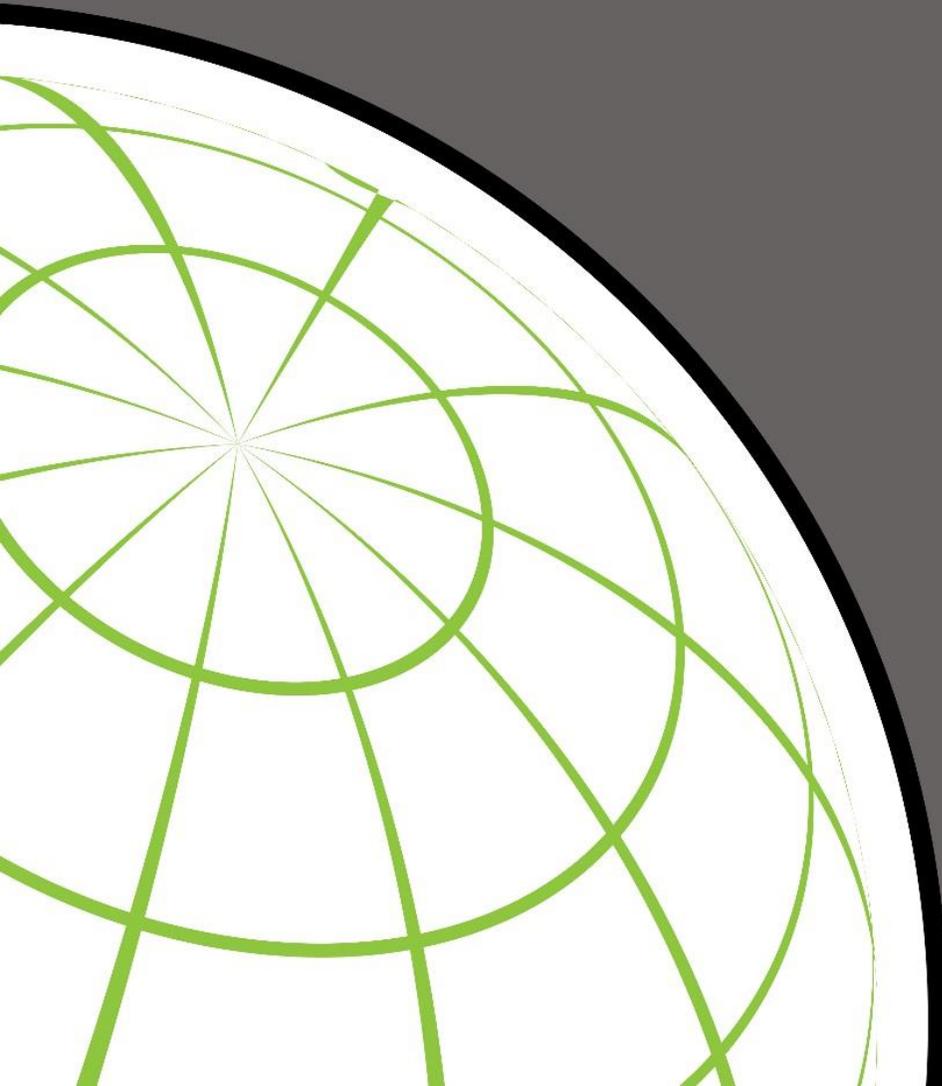


CONNECT ■ COMPETE ■ GROW



2016

GEOORGIA
LOGISTICS
SUMMIT



Roundtable 3d
**Tackling Operational Visibility
Through Technology**



Kirby Miner

Sunbelt Rentals



Lee Blackstone

Blackstone + Cullen



John Szoke

LeanCor Consulting



Jason Sweatman

JW Aluminum



Tom Baggio

Numina Group

Jeremy Selhorst

AC Lens



Dave Gittings

UPS Customer Solutions

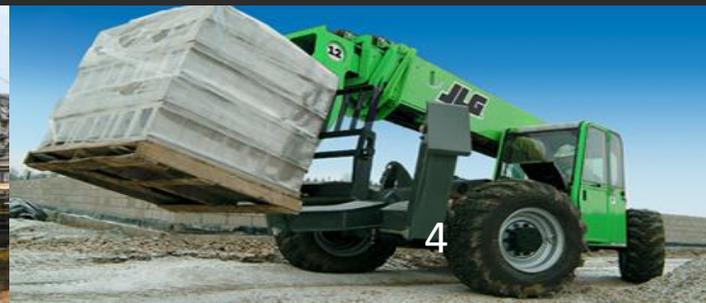
MODERATOR



Applying Operational Visibility to Sunbelt Rentals



BLACKSTONE + CULLEN



QUICK FACTS

- Rapid Growth
 - \$3.2B in Revenue (\$1.1B in 2010)
 - 21% for 2016
 - 600 Store Locations in US and Canada
- Fleet
 - \$4.8B in Rental Fleet
 - Over 3,500 On-Road Fleet to Move Rental Equipment
- IoT Investment in Trucks and Larger Fleet Items
- Competitive Advantage using Mobile Apps

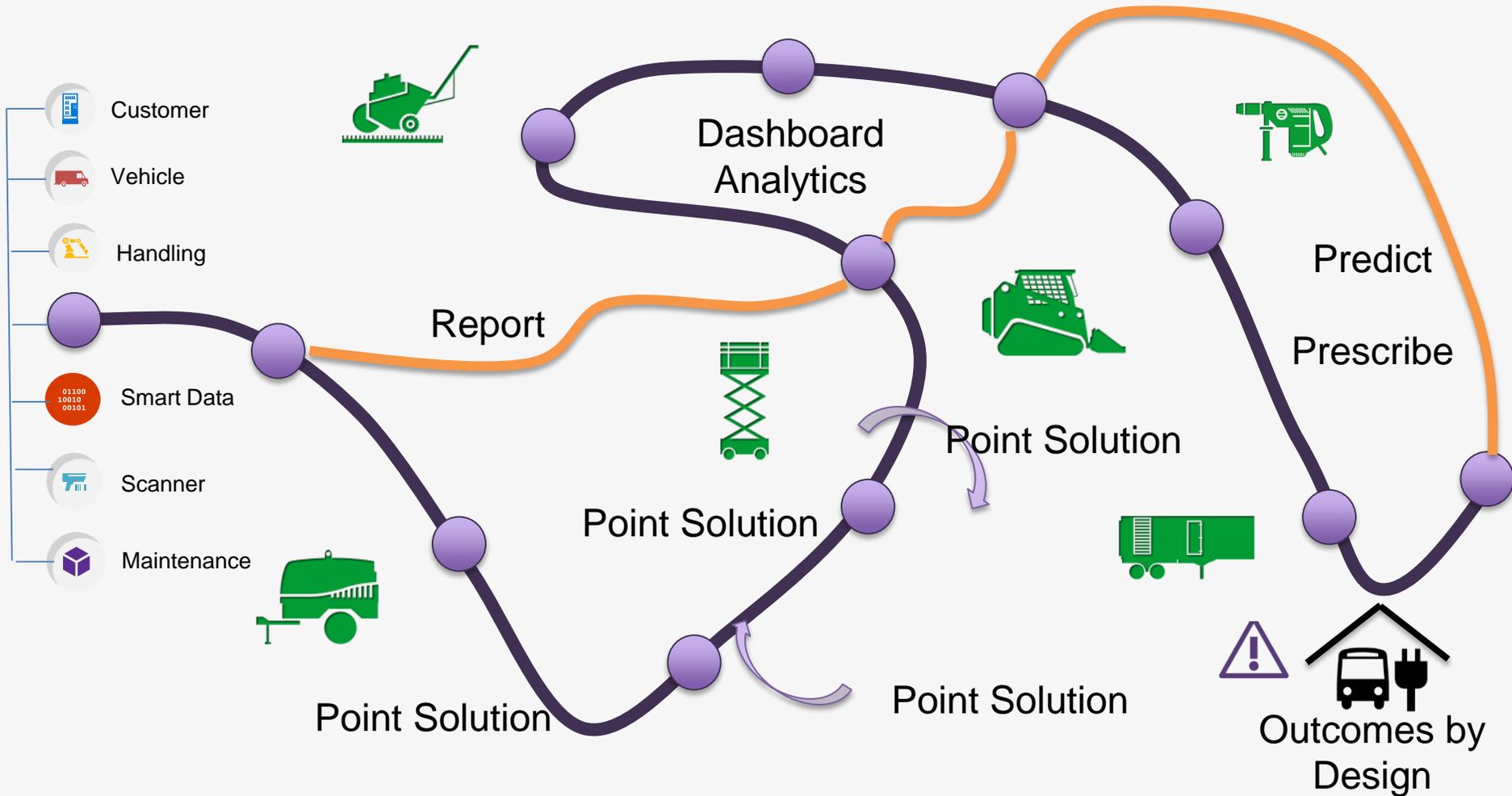


Business Challenges

- 73% of Reservations taken less than 24 hr before Delivery
- No Set Routes
- Maximize Delivery & Pickup – Minimize Dead Runs
- Rental Equipment Size Variation
- Driver Behavior



SIMPLIFIED COMPLEXITY



GAINING VISIBILITY THRU INTERNET OF THINGS

BLACKSTONE & CULLEN REFERENCE ARCHITECTURE



VDOS – Vehicle Dispatch Optimization System

- GUI Tool for Dispatching
- Integrated into ERP / POS Solution
- Telematics – GPS Tracking on all Vehicles w/ 30 sec tracking intervals
- Run Scheduling by Driver and Type of Vehicle
- Solution considers volume, weight, and inventory
- Visibility at Branch and District level
- Schedules Delivery, Pickup, Service Calls, etc.
- Drivers have complementary iPhone App to manage statuses, messages, etc.

Orders

C	Type	Date	Vehicle	Status	Status Time	Equipment	Asset	Contract	Customer	Customer #	Job	Address	City	State	Zip	PC
	T	2/26/2016 3:3...	UNASSIGNED	New	3:32 PM	24" DIAMOND BLADE A...	633718	1 3508001			TRANSFER FROM 582 T...	7205 STATESVILLE RD	CHARLOTTE	NC	28269...	27
	T	2/26/2016 3:3...	UNASSIGNED	New	3:32 PM	18" DIAMOND BLADE C...	745073	1 3508001			TRANSFER FROM 582 T...	7205 STATESVILLE RD	CHARLOTTE	NC	28269...	27
	T	2/29/2016 10:...	UNASSIGNED	New	10:26 AM	6X18" TANDEM AXLE TR...	735602	1 3509046			TRANSFER FROM 582 T...	7205 STATESVILLE RD	CHARLOTTE	NC	28269...	27
	T	2/29/2016 10:...	UNASSIGNED	New	10:26 AM	COMBINATION HITCH		1 3509046			TRANSFER FROM 582 T...	7205 STATESVILLE RD	CHARLOTTE	NC	28269...	27
	T	3/2/2016 7:31 ...	UNASSIGNED	New	7:33 AM	9 GALLON HEATED CAR...	531011	1 3511807			TRANSFER FROM 610 T...	10800 COMMERCE BLVD	CHARLOTTE	NC	28273	27

Vehicles

Type	Eq. Num	PC	Driver	Date / Hours	Scheduled Runs				
Truck	495580	1	Clarence Singleton	3-21-2016 (Mon) 2hrs 30mins	Run 1 3 items 007-0025	Run 2 037-0040	Run 3 2 items	Run 4 4 items	Run 5
Truck	355809	27	Frank Glaeser	3-21-2016 (Mon) 2hrs	Run 1 022-0240	Run 2 007-0025	Run 3 058-0318	Run 4 2 items	
Truck	538927	27	Barry Johnson	3-21-2016 (Mon) 3hrs 30mins	Run 1 055-0245	Run 2 007-0011	Run 3 007-0025	Run 4 007-...	Run 5 Run 6 Run 7
Truck	545915	27	None	3-21-2016 (Mon)	Run 1 007-0025	Run 3 007-0025			
Truck	746419	1	Randall Tarlton	3-21-2016 (Mon) 1hr	Run 1 007-0025	Run 3 007-0025			

Map

STONE RESTORATION OF AMERICA (30199)
WRIGHT CRANE HALL
1900 SELWYN AVE, CHARLOTTE, NC 28207 2450
Due: 3/18/2016 8:00 AM
Dispatched - Frank Glaeser
Contract# 58978008: PC-027
19' ELECT SCISSORLIFT (3)
1 Contract(s) : 1 Item(s)



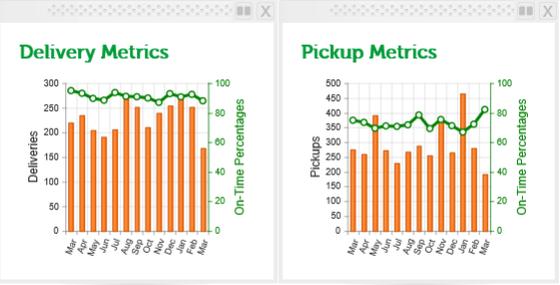
Customer Portal & Mobile Apps in Place



Value Proposition to the Customer

- Real-time Equipment Utilization – Both Rental and Customer Owned
- Location Mapping
- Contract Details

Delivery & Pickup Dashboards



Jobs & Equipment 126996 - WALT DISNEY WORLD CO

Asset: 34-35 ART MANLIFT ELECT NARROW (618941)

Asset	Hours	Percent
618941	1.90	100%

Leased: 3/21/16 1:57 PM EDT | Last Returned: 3/21/16 2:30 PM EDT

Real-time Logistic Updates

Account Activity 126996 - WALT DISNEY WORLD CO

Activity Detail - Last 30 Days

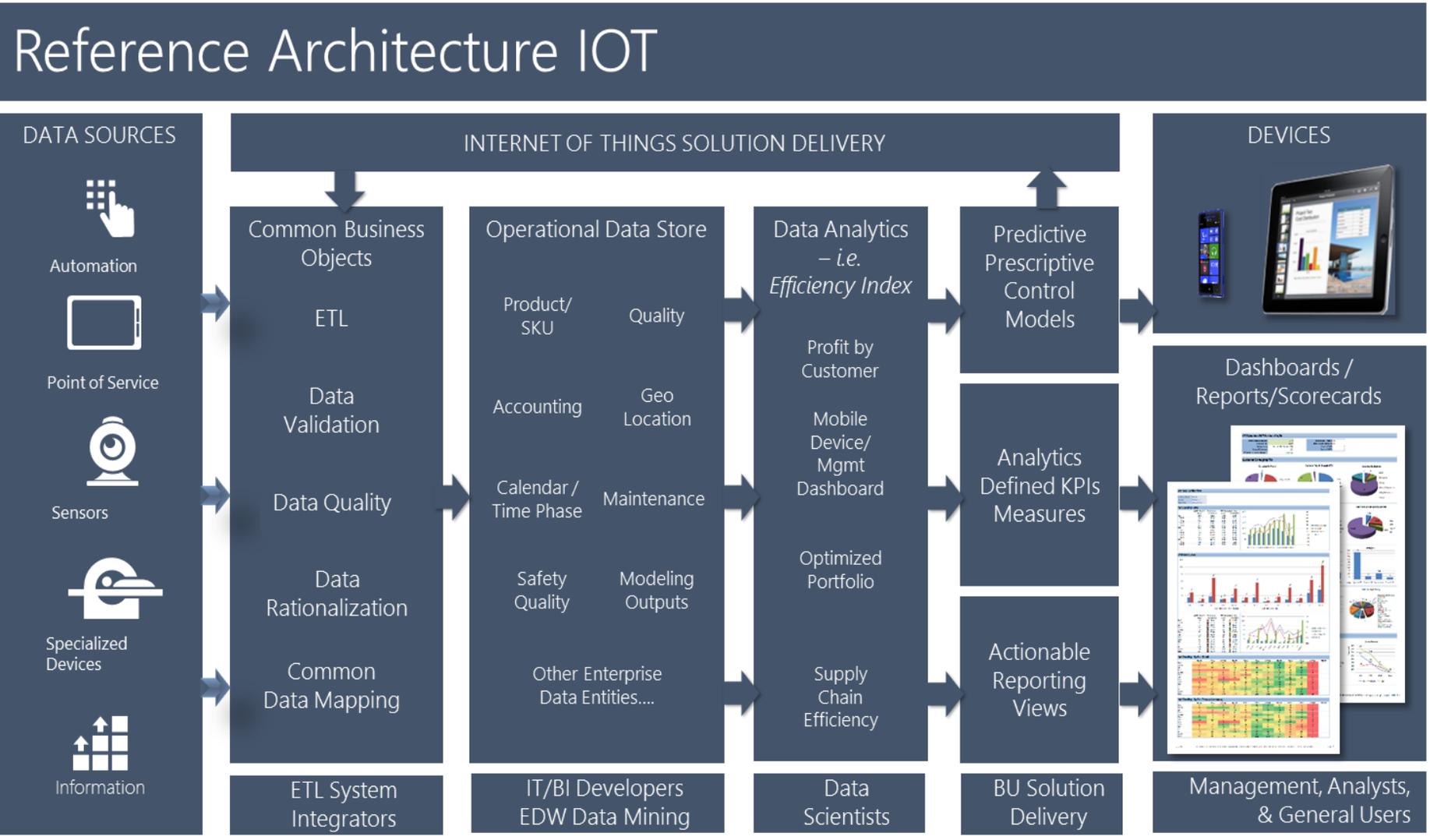
Activity	When (EST)	Job Site	Equipment
Pickup ticket was created	Mon 03/21/2016 2:16 PM	HOLLYWOOD STADIUM 3650 BONNET CREEK ROAD LAKE BUENA VISTA FL	1 30' ART MANLIFT WITH BASKET
Reservation converted to a contract	Mon 03/21/2016 2:17 PM	RE-BELIC 4000DMS-NOOKLE STAY WORLD DRIVE LAKE BUENA VISTA FL	1 RENTAL REEFER TRUCK/20'
Reservation converted to a contract	Mon 03/21/2016 2:17 PM	BILZARD BEACH 1534 BILZARD BEACH DR ORLANDO FL	1 3' DIAMOND CORE BIT CORE DRILL HAND HELD 3 SPEED
Delivery is in route	Mon 03/21/2016 2:37 PM	ESPA WISE WORLD OF SPORTS 700 S VICTORY WEG KISSIMEE FL	1 19' ELECT SCISSORLIFT
Contract full return	Mon 03/21/2016 1:37 PM	AK ASIA LAYDOWN 7000 E SALVADORAHI CIRCLE ORLANDO FL	1 4000V NARROW HORIZONTAL MAST LIGHT TOWER



The screenshot shows a web browser window displaying the Sunbelt Rentals website. The browser's address bar shows the URL <https://www.sunbeltrentals.com/>. The website header includes the Sunbelt Rentals logo, a navigation menu with 'Equipment Catalog', 'Locations', 'Specialty Divisions', 'About Us', and 'My Account', and a search bar. A 'Welcome to Sunbelt Rentals' banner features 'Sign In' and 'Sign Up' buttons, an 'Email Sign Up!' button, a phone number '1-800 No Sweat 1-800-667-9328', and a shopping cart icon with '0 Items'. The main content area is a 'My Account' page for user '149932: ZIACON'. It features a sidebar with navigation options: 'Rent Quickly', 'Manage Job Sites', 'Pay Invoices', and 'Real-Time Reporting'. The main content area lists 'Frequent Orders' and 'Recent Orders' with details for items like '19' ELECT SCISSORLIFT' and '19' ELECT SCISSORLIFT'. A 'QUICK LINKS' section at the bottom right includes 'The "No Sweat" Guarantee'. The Windows taskbar at the bottom shows the time as 12:42 PM on 3/9/2016.



GAINING VISIBILITY THRU IOT



INITIATIVES BY WORKSTREAM

Customer Experience				Revenue				Logistics Optimization			
Work Est. 3 wks	Not Started	Work Est. 4-6 wks	Not Started	Work Est. 2 wks	Not Started	Work Est. ? wks	Not Started	Work Est. ? wks	Not Started	Work Est. 2 wks	Not Started
Auto Notify Future Rentals		Singular Portal/ Mobile Customer Experience		Profit by Minute by Fleet Item		Strategic Initiative Prioritization		Predictive Seasonal Demand Re-Allocation Aerators		Dynamic Routing Prescriptive Model	
Resources 2	Business	Resources 2	Data Team	Resources 2	Sales	Resources 2	Business Dev	Resources 2	Marketing	Resources 1	Finance
Work Est. 2 wks	In Progress	Work Est. 3-4 wks	Not Started	Custom	Not Started	Work Est. 1 wks	Not Started	Work Est. 2-3 wks	Not Started	Work Est. ~3 mos	Not Started
Sync Rental Activity with Customer Calendar		Customer / Executive Dashboard		Predictive Weather Impact		Delivery Cost Recovery		Stock Out Reduction		Prescriptive Fleet Re-allocation	
Resources 2	Marketing	Resources	Business	Resources 1	Business Dev	Resources 2	Business	Resources 2	Marketing	Resources 2	Data Team
	Ongoing	Work Est. 1 wks	Not Started	Work Est. 4-6 wks	Not Started	Work Est. 3-4 wks	Not Started	Work Est. ? wks	Not Started	Work Est. 3-4 wks	Not Started
Integrating CRM to Past Purchases		Predictive Sales Outcall Program		Executive Dashboard		Change Management		Optimum Vehicle Dispatch		Predictive Weather Impact	
Resources 10	Business	Resources	Data Team	Resources 3	Marketing	Resources	Customer Service	Resources 2	Business	Resources 1	Marketing
	Ongoing	Work Est. ? wks	Not Started	Work Est. 3 wks	Not Started	Work Est. 1 wks	Not Started	Work Est. ? wks	Not Started	Work Est. 2 wks	Not Started
Predictive Rental by Customer Project Type		Minimize "Not Available"		Joint Marketing with Primavera / Microsoft Project		Value of Known vs. Unknown		Turn Down Analytics		Art of the Possible	
Resources 2	Engineering	Resources 2	Product	Resources 3	Data Team	Resources 1	Marketing	Resources 2	Marketing	Resources 1	Finance
	Ongoing		Ongoing	Work Est. 2 wks	Not Started	Work Est. x wks	Not Started	Work Est. 2-3 wks	Not Started	Work Est. ~3 mos	Not Started
Success Portal		Contractor Profile by Project Type		Product Selection for High End Analytics Toolset							
Resources 10	Business	Resources 2	Business	Resources 1	Sales	Resources 1	Marketing	Resources 2	Marketing	Resources 2	Data Team



INITIATIVE DASHBOARD



Complete	Mobile Customer Application	Prescriptive Dispatch	Prescriptive Sales Processes	Influenced Revenue Modelling	Thru Store Sales and Marketing Effectiveness	Store Benchmarking	Customer Benchmarking
Required	Telematics	What Driver is Doing Now	Worldwide Customer Real Time Dashboard	Custom Individualized Marketing	Global Competitive Capacity	Customer Proof and Effectiveness	Real Time Competitive Monitoring and Benchmarking
High							
Medium	Dispatch and Routing	Capacity Heatmap	Predictive Fleet Allocation	Customer Prescriptive Planning	Return on Marketing Investment in Partners	Predictive Buying Habits	Weather Impact
Low	Market Basket Rentals	Contractor Profile	Go to Market Capacity Planning	Customer Accelerated Growth Engine	Proximity Marketing	Customer Sentiment	Real Time Contingency Planning



PREDICTIVE FLEET ANALYTICS

- GOALS

- Maximize time on rent
- Minimize downtime for transit, maintenance
- Predictive weather impact
- Seasonal allocation by Item Type – Aerator
- Minimize stock outs
- Predict next most likely rental

Predictive Fleet Allocation

- Use IOT Data Sources

- Telematics
- Weather service
- Rental history
- Contractor project profile
- Fleet profile by location



OUTCOMES BY DESIGN

- **Improve Customer Experience**
 - Reduce inventory stock out
- **Revenue**
 - Increase fleet utilization - target 2% or \$60M
- **Logistics Optimization**
 - Know exact driver location and activity real time
 - Know status and location every major fleet item is real time





WHY BLACKSTONE & CULLEN



- Long History of Working Together at Multiple Companies
- Execution
- Focused on My Business and Profit First Supported by Technology
- GSD Mentality
- Their Team – Incredibly Knowledgeable with a Bias Toward Action
 - Frank Cullen, PhD IEOR GaTech Owner 40+ Yrs Experience
 - Lee Blackstone ISyE Ga Tech Owner 40+ Yrs Experience
 - Brent Goolsby ISyE GaTech Principal 25+ Yrs Experience
 - David Livingston IS GaSou VP Solutions 25+ Yrs Experience
- Patience ...
- Character and Trust



Thank You

Kirby Miner – Sunbelt Rentals

Lee Blackstone – Blackstone & Cullen, Inc.





Kirby Miner

Sunbelt Rentals



Lee Blackstone

Blackstone + Cullen



John Szoke

LeanCor Consulting



Jason Sweatman

JW Aluminum



Tom Baggio

Numina Group

Jeremy Selhorst

AC Lens



Dave Gittings

UPS Customer Solutions

MODERATOR

Tackling Operational Visibility Through Technology Integration

April 19, 2016
2:00 – 3:30 pm



John Szoke
Lean Deployment Executive
jszoke@leancor.com



Jason Sweatman
Logistics Manager
jasonsweatman@jwaluminum.com

JW Aluminum

- Innovator in the aluminum flat rolled products market
- 4 state-of-the-art aluminum mills
- Weekly outbound shipping of > 7MM lbs



Mount Holly Production Facility

LeanCor Supply Chain Group

Trusted partner that specializes in lean principles to advance supply chains

We Teach. We Consult. We Do. | www.leanco.com



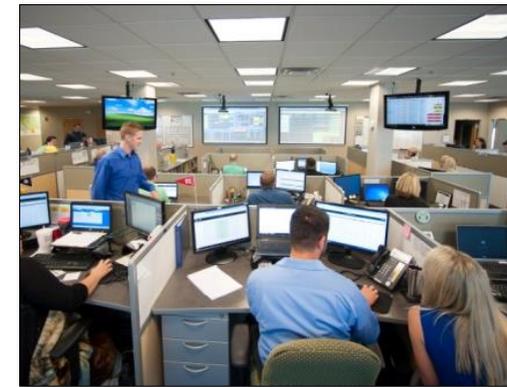
**Lean, Supply Chain, Six Sigma,
Leadership Courses**

Public, Private, Online Settings



**End-to-End Supply Chain
Advancement Solutions**

Diagnostic, Assessment, Design, Deployment



Full-Service 3PL Solutions

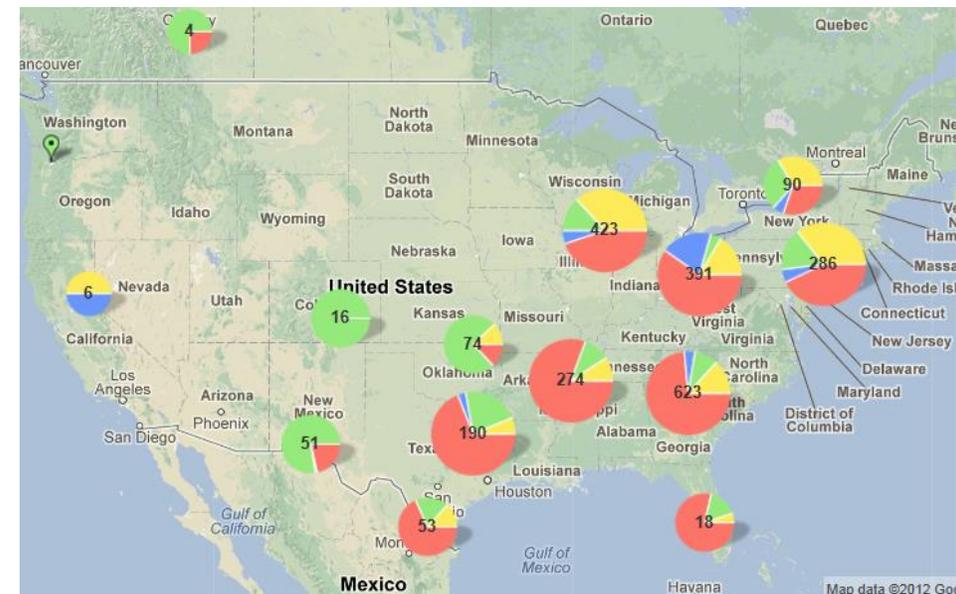
*Logistics Engineering, Transportation
Management, Warehousing*

JW Aluminum Supply Chain Management

- **Challenge:** Insufficient Visibility and Control
- **Needs:** Supply Chain Management, Systems Capability, Automation, and Visibility



4 Manufacturing Locations in the US



Domestic Customer Distribution

Partnership History

- Following the centralization of its logistics, JWA identified the need for a single, **dedicated 3PL solution** for outbound freight.
- JWA could accomplish its desired objectives and focus on core competencies while providing **visibility and stability** within the outbound supply chain.
- In 2009, JWA conducted a competitive bidding process and selected LeanCor as its partner, because LeanCor demonstrated:
 - **Advanced IT Systems**
 - **Process Innovation**
 - **Detailed Roadmaps Toward System-Wide Lean Implementation Efforts**



Visibility and Stability Through Supply Chain Technology

- Streamlining and Automating Lean Transportation Processes
- Logistics Control Tower
- Collaborating with Supply Chain Partners
- Seeing at the Dock-Level
- Integrating at the SKU-Level
- Managing Discrepancies
- Integrating with Systems



10,000+ active daily log-ins

7,500 suppliers

3,000+ outbound locations

85 inbound delivery plants

400+ carriers

ETA	ETD	Load #	Hot	Carrier	Status	Pallets	Weight	Trailer M3	Root Cause for Incomplete	Arrival	Start	Finish	Cancel?
12:30	12:45	143022		Carrier list	Complete	7	17942		2016-03-31 10:50	11:03		11:14	
15:30	16:00	28624		Carrier list	Complete	4	1860		2016-03-30 16:12	18:19		18:38	
15:30	16:00	28622		Carrier list	Complete	9	11511		2016-03-30 16:12	18:19		18:38	
08:00	08:40	38728			Instructed	1	50		ARRIVAL	IN		OUT	
09:30	10:05	143013			Unloading	35	2143		2016-03-31 09:28	12:08		OUT	
10:00	11:00	MULTIPLE			Delivered	11	7056						
10:00	11:00	143023			Booked	50	20543						
10:10	11:10	143014		Carrier list	Booked	52	8821		2016-03-31 11:09	IN		OUT	
13:00	14:00	38611			In Transit	47	25356		2016-03-31 09:50	IN		OUT	
14:30	15:30	38678			Booked	16	17888			ARRIVAL	IN	OUT	
14:50	15:30	28668			In Transit	13	7000			ARRIVAL	IN	OUT	
15:30	16:00	38718			In Transit	6	3611			ARRIVAL	IN	OUT	

Management Systems

Supply chain planning through the Orloe Toolkit cloud-based platform

- **Planners**
- **Docks**
- **Carriers**
- **Suppliers / Customers**
- **Senior Management**

Route Name	Supplier	Carrier	Customer PO #	Delivery Reference #	Weight In	Weight Out	BCL Weight	Load Method	Door #	ETA	ATA	ETD	ATD
JWA 48333	Glencore	Supplier Carrier	283507	P1020	44818	1	44818		2	04:00	2016-04-04 11:27	05:00	2016-04-04 11:27
JWA 48333	Glencore	Supplier Carrier	283507	P1020	44566	1	44566		2	04:00	2016-04-04 11:27	05:00	2016-04-04 11:27
JWA 48333	Reynolds	REDWOOD MULTIMODAL	284339		74300	34740	39566		1	05:30	2016-04-04 05:13	06:30	2016-04-04 06:05
JWA 48333	DJ David J. Joseph Company	NOLAN TRANSPORTATION GROUP FET	48797	49344	69900	31640	37433		1	06:00	2016-04-04 05:42	07:00	2016-04-04 06:30
JWA 48333	Reynolds	CH ROBINSON	284339		73540	32500	40700		1	06:00	2016-04-04 04:52	07:00	2016-04-04 05:52
JWA 48333	DJ David J. Joseph Company	Supplier Carrier	48726	48993	75020	32660	42360		1	06:30	2016-04-04 05:13	07:30	2016-04-04 06:25
JWA 48333	DJ David J. Joseph Company	Supplier Carrier	48726	48995	77960	34100	43560		1	07:00	2016-04-04 07:13	08:00	2016-04-04 06:59
JWA 48333	DJ David J. Joseph Company	Supplier Carrier	49324	49619	77340	31640	46020		1	07:00	2016-04-04 09:33	08:00	2016-04-04 10:29
JWA 48333	Southern Libra	Supplier Carrier	342987	11317003	73100	34420	37230		1	08:00	2016-04-04 07:37	08:30	2016-04-04 10:33
JWA 48333	The Mail Company	Supplier Carrier	283762	P1020	94320	32340	61919		1	08:00	2016-04-04 08:14	09:00	2016-04-04 09:23

Shipping Activity Visibility

Route Name	Status	Start Date	End Date	Start Location	End Location
JWA100-86114	Planned	03/30/2016	04/01/2016	TRUCLAD	YONKERS
JWA100-86115	Planned	03/31/2016	04/01/2016	TRUCLAD	YONKERS
JWA100-86121	Planned	03/31/2016	04/01/2016	TRUCLAD	RETFW
JWA100-86182	Planned	03/24/2016	04/04/2016	LT	DMV
JWA100-86129	Planned	03/30/2016	04/01/2016	TRUCLAD	LSBY
JWA100-86173	Planned	03/31/2016	04/01/2016	TRUCLAD	TNCT
JWA100-86136	Planned	03/31/2016	04/04/2016	TRUCLAD	MSBT
JWA100-86181	Planned	03/31/2016	04/04/2016	TRUCLAD	MSBT
JWA100-86181	Planned	03/31/2016	04/04/2016	TRUCLAD	MSBT
JWA100-86182	Planned	03/31/2016	04/04/2016	TRUCLAD	LSAC
JWA100-86111	Planned	03/30/2016	04/01/2016	TRUCLAD	RETFW
JWA100-86112	Planned	03/30/2016	04/01/2016	TRUCLAD	WSP
JWA100-86114	Planned	03/31/2016	04/01/2016	TRUCLAD	TSCN

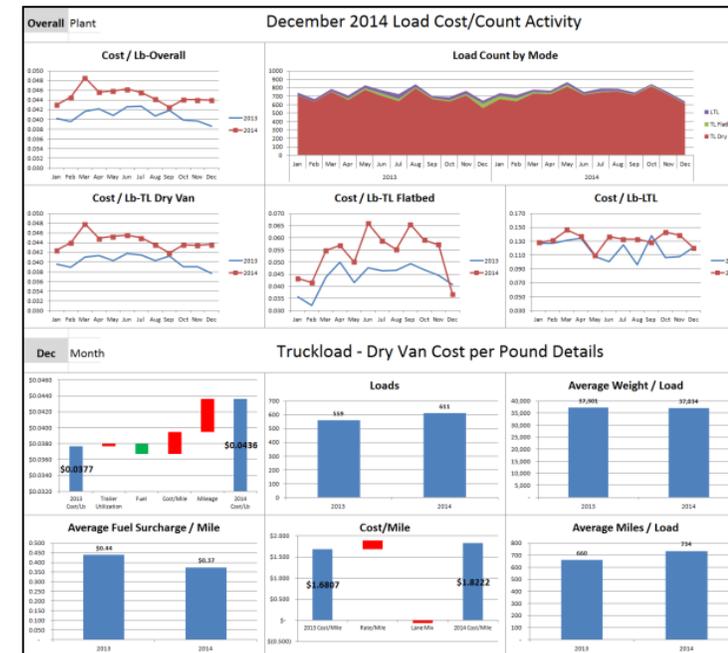
Automated Carrier Management

Route Name	Carrier	Start Date	COGDO (City, State)	Distribution (City, State)	Cost	Status	Mode
JWA100-86117	DANIEL & SONS TRUCKING	03/30/2016	Greene, SC	Greene, PA	\$1,127.26	In Transit	Trackload
JWA100-86118	DANIEL & SONS TRUCKING	03/30/2016	Greene, SC	Greene, PA	\$1,133.44	In Transit	Trackload
JWA100-86119	DANIEL & SONS TRUCKING	03/30/2016	Greene, SC	Greene, PA	\$1,133.44	In Transit	Trackload
JWA100-86121	CPU CARRIER	03/28/2016	Reynolds, MO	Yonkers, NY	\$0.00	In Transit	Trackload
JWA100-86149	DANIEL & SONS TRUCKING	03/30/2016	Wilmington, PA	Greene, SC	\$693.20	In Transit	Trackload
JWA100-86126	ADVOCATE DRIVERS COOP LLC	03/30/2016	Saint Louis, MO	MR. Bethel, PA	\$2,176.45	In Transit	Trackload
JWA100-86127	ADVOCATE DRIVERS COOP LLC	03/30/2016	Saint Louis, MO	MR. Bethel, PA	\$2,176.45	In Transit	Trackload
JWA100-86122	CH ROBINSON	03/30/2016	Saint Louis, MO	MR. Bethel, PA	\$2,187.72	In Transit	Trackload
JWA100-86123	CPU CARRIER	03/30/2016	Saint Louis, MO	Yonkers, NY	\$0.00	Booked	Trackload
JWA100-86124	CPU CARRIER	03/30/2016	Saint Louis, MO	Yonkers, NY	\$0.00	Booked	Trackload
JWA100-86148	PROFESSIONAL TRUCKING INC	03/30/2016	Reynolds, MO	Greene, SC	\$782.60	In Transit	Trackload

Supply Chain Planning

Results - Cost Reduction and Supply Chain Control:

- 19% Reduction in Freight Spend in 1st Year
- Annual Savings Targets
- Freight Budgeting
- Supply Chain Analytics
- Carrier Performance
- Carrier Stratification



Weekly and Monthly Performance vs. Plan

"We are very happy with [LeanCor's] performance and we couldn't have done it without them. They were a critical part in helping us achieve the best quarter end JW has ever had. We are very excited about our partnership with LeanCor and look forward to growing our businesses together." - COO at JWA

Looking Forward

2016 Objectives:

- Targeted Freight Savings
- Supplier ASN Management
- Static Network Expansion
- On-Site Visual Management Upgrades
- Conversion of Supplier Managed Freight
- Support of JWA To Go



LeanCor provides continued support for JWA Aluminum technology improvements



Kirby Miner

Sunbelt Rentals



Lee Blackstone

Blackstone + Cullen



John Szoke

LeanCor Consulting



Jason Sweatman

JW Aluminum



Tom Baggio

Numina Group

Jeremy Selhorst

AC Lens



Dave Gittings

UPS Customer Solutions

MODERATOR

AC Lens Company Overview

- Online retailer of contact lenses, eyeglasses and other optical products
- Founded in 1995 selling on-line to consumers since 1996
- Second largest direct to consumer contact lens e-tailer in the USA
- Fulfillment- Over 2.2 million customer orders through a variety of retail and wholesale relationships
- Located in Columbus, Ohio – Central US Distribution
- Our 170 associates handle everything from website design and hosting to customer service and fulfillment
- We manage a total of 20 websites for ourselves and partners



Numina Group Background

- Established in 1986 ... founded by Dan Hanrahan & Mark Woodworth
- Privately held ... zero leverage
- Headquartered in Woodridge, IL
- Full turn-key order fulfillment solutions provider
- Engineering design team experienced in technology & operations
- WEC/WCS Software yielding the Perfect Order Process → RDS
- 24/7 support hotline
- In-house engineering and development teams
 - Software development and support
 - Lean process evaluation
 - Engineering design services
 - Operational analysis
 - Field service team
 - Execution management (PMO)

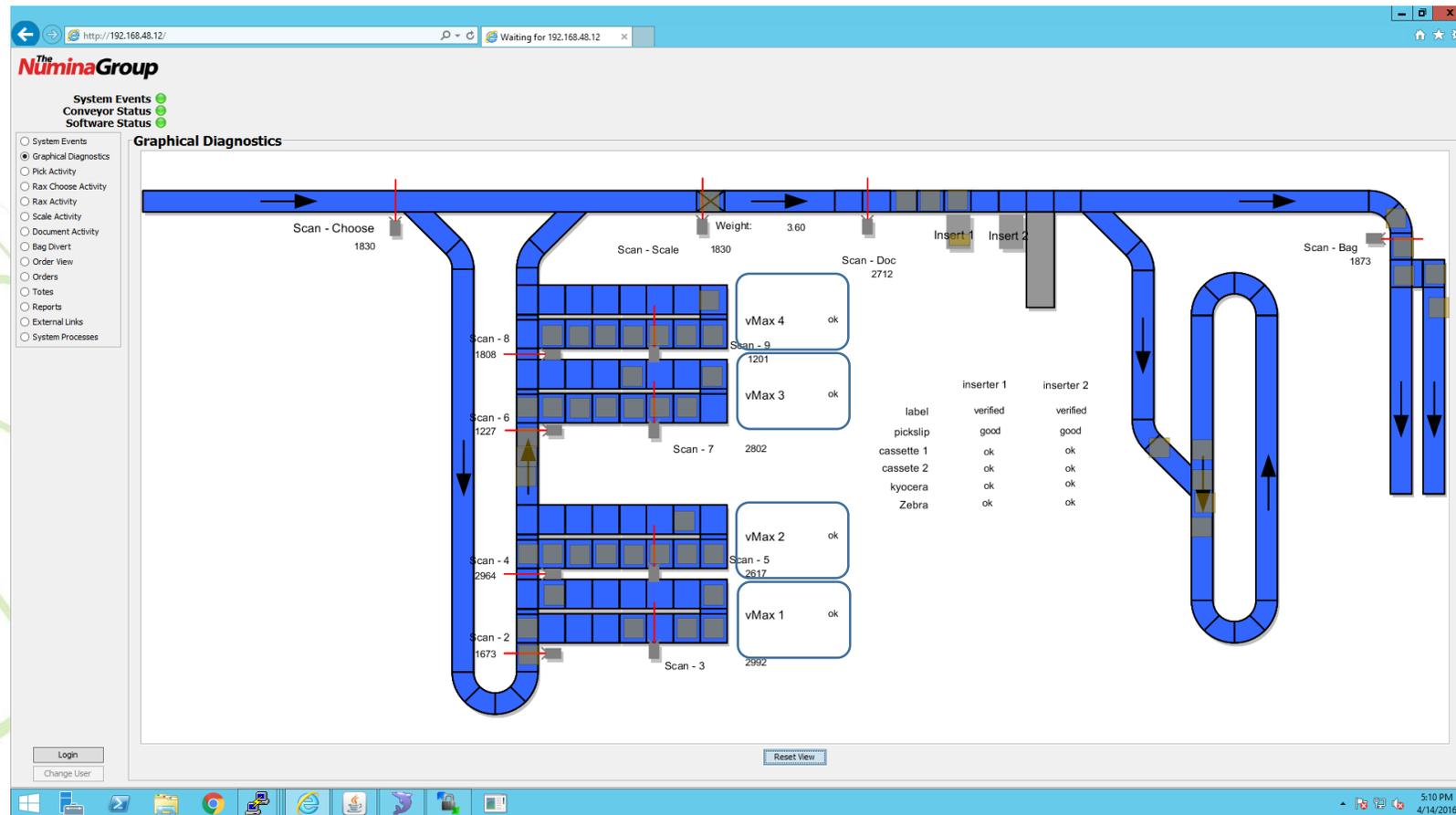
**The
NuminaGroup**

Challenges at AC Lens

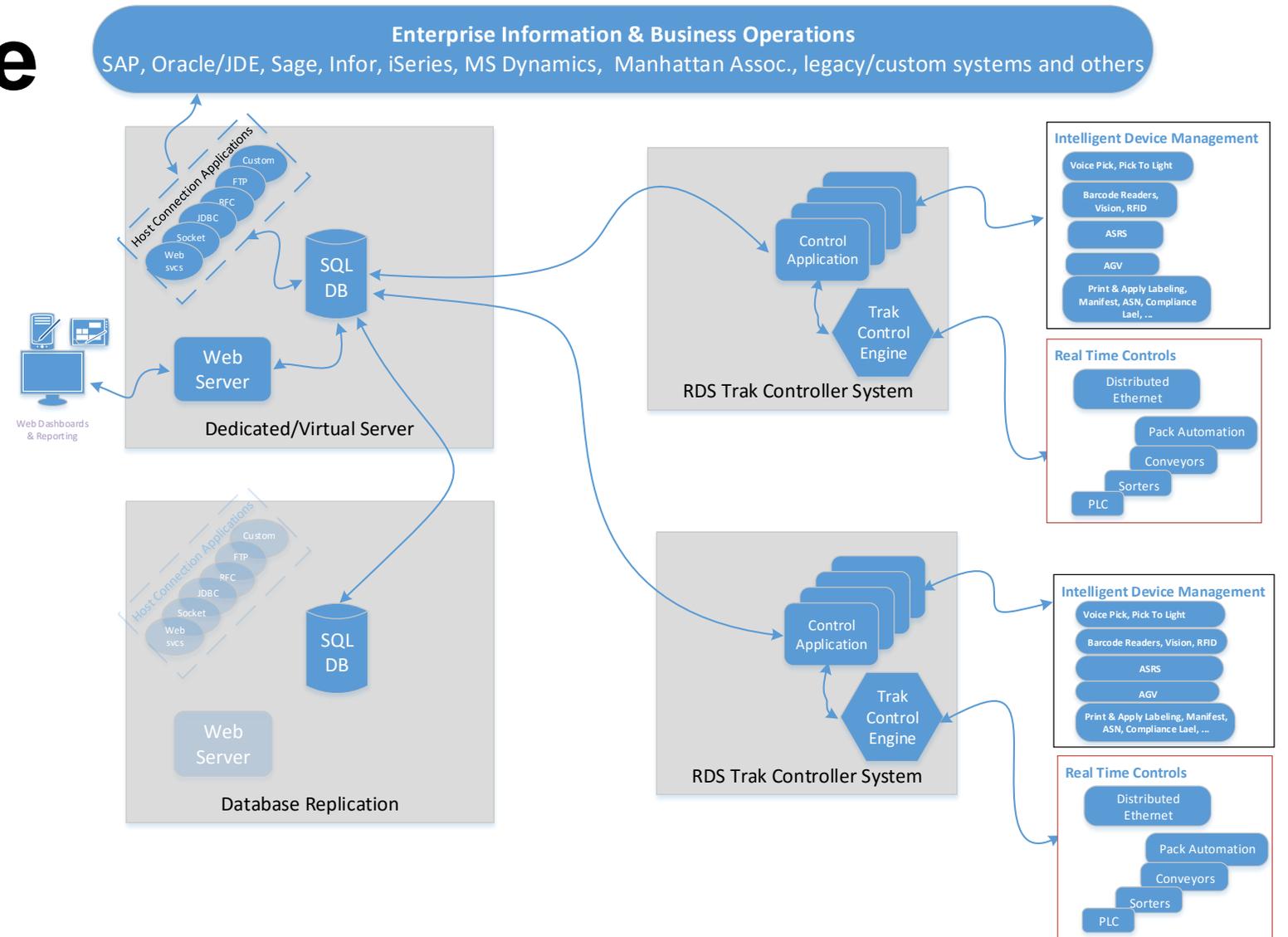
- E-commerce business growth exceeding DC operations ... paper based O/F system w/ manual discrete picking
- Order demand projections would strain AC Lens' existing processes with an estimated 40% increase in staffing levels
- Concerns with order accuracy and service level achievement w/ existing processes
- Solution required investment in updated and modern order fulfillment process
 - Real time WES/WCS ... Numina's Real Time Distribution System (RDS)
 - Integration of RDS with AC Lens' order management system
 - Implementation of ASRS – Rowa Vmax system of 4 parallel systems
 - Development of software controls and optimization to maximize the asset utilization
 - Build in process checks w/ automation to ensure accurate order processing
 - Weight audit scale system w/ resolution to < 1 oz validation
 - Automatic pack list printing and insertion for pack out w/ barcode verification
 - Automatic shipping label printing w/ barcode verification
 - Conveyance system with reusable totes for peak performance



Overall System



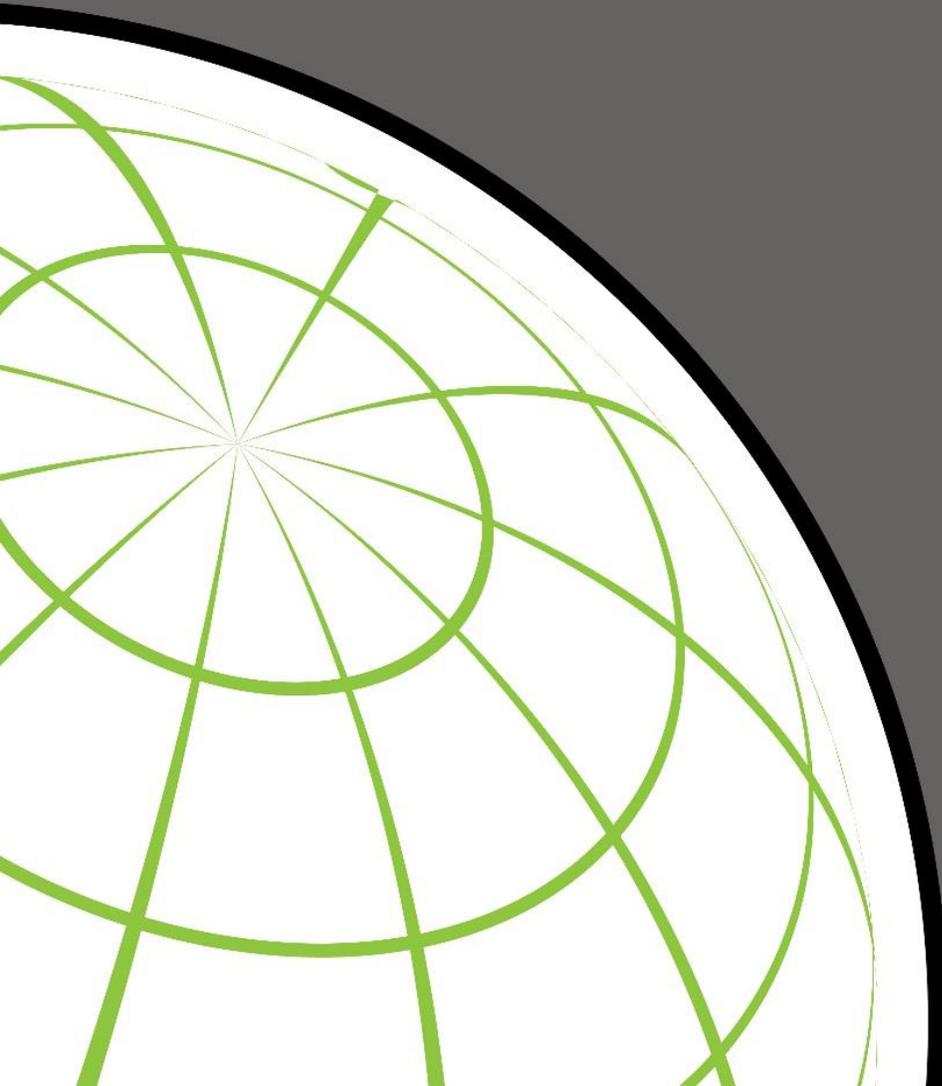
RDS Architecture



Results

- Order picking consolidation blended manual and Robotic-ASRS
- Error free order processing w/ weight and label scanning verification
- Avoidance of labor increase
- Record order fulfillment w/ optimized order processing
- On demand order assignment to ensure optimization of ASRS

CONNECT ■ COMPETE ■ GROW



2016

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