Capturing a Competitive Edge in Today's On-Demand World

Tom Bianculli

Chief Technology Officer, Zebra

POWERED BY POSSIBILITIES.

ZEBRA

MODEX 2020
GEORGIA WORLD CONGRESS CENTER
ATLANTA | MARCH 9-12
MODEXSHOW.COM

powered by MHI

RISING EXPECTATIONS from customers are fueling an on-demand economy.

To respond, all businesses **MUST DRIVE DIGITAL INNOVATION.**

"Automation is not a nice to have. It's a need to have."

Tier I Food Product Distributor

POWERED BY POSSIBILITIES.

MODEX 2020
powered by MHI

GROWTH IN WAREHOUSE AUTOMATION

<10%

of jobs can be
fully automated

COMPETITIVE JOB MARKET

4%

unemployment rate
in the U.S. - a record low

RISING CUSTOMER EXPECTATIONS

96%

of consumers consider fast shipping
the same as same-day shipping

POWERED BY POSSIBILITIES.

MODEX 2020
powered by MHI

Digital innovation **began** at
the core of the enterprise…
SYSTEMS OF RECORD

CORE
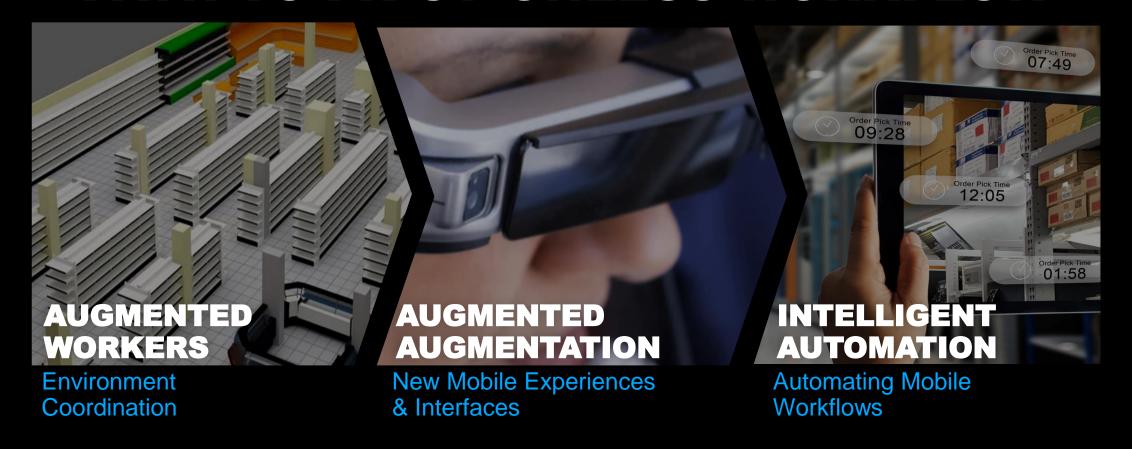
Digital innovation **began** at the core of the enterprise…

SYSTEMS OF RECORD

…but it **now** lives at the enterprise edge, where work gets done.

SYSTEMS OF REALITY

EDGE

Enterprise Resource Planning

Warehouse Management System

CORE

Customer Relationship Management

Electronic Medical Records

MODEX 2020
powered by MHI

PATH TO FRICTIONLESS WORKFLOW

AUGMENTED WORKERS

Environment Coordination

AUGMENTED AUGMENTATION

New Mobile Experiences & Interfaces

INTELLIGENT AUTOMATION

Automating Mobile Workflows

Order Pick Time 07:49

Order Pick Time 09:28

Order Pick Time 12:05

Order Pick Time 01:58

POWERED BY POSSIBILITIES.

MODEX 2020
powered by MHI

TO THIS!

FROM THIS

POWERED BY POSSIBILITIES.

WORKFLOW OPTIMIZATION

HOW DOES IT WORK?

MOBILE OPTIMIZATION PLATFORM

Interfaces: Devices

Technologies: Input Modalities

BARCODE PRINTING	SPEECH RECOGNITION	LOCATION AND MOTION SENSING	RFID

MOBILE OPTIMIZATION PLATFORM

Dynamic Real-Time Workflows

Real-time Analytics

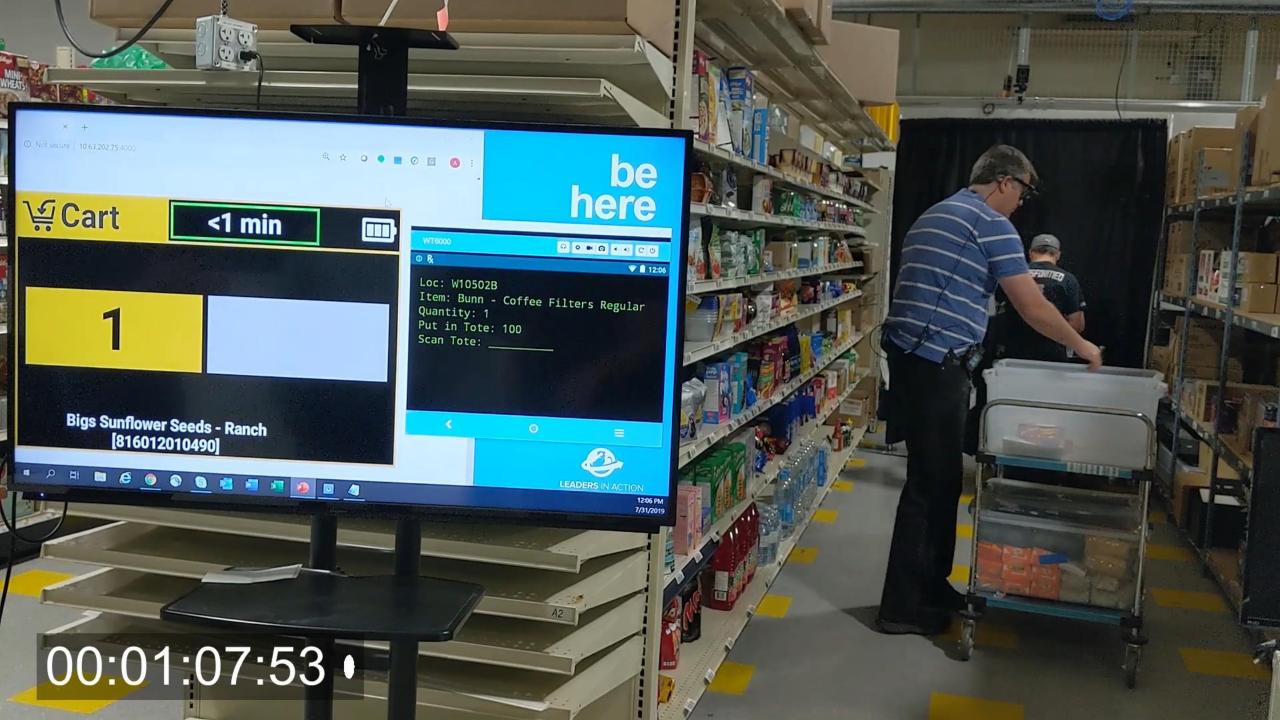Contextual data from start infrastructure systems

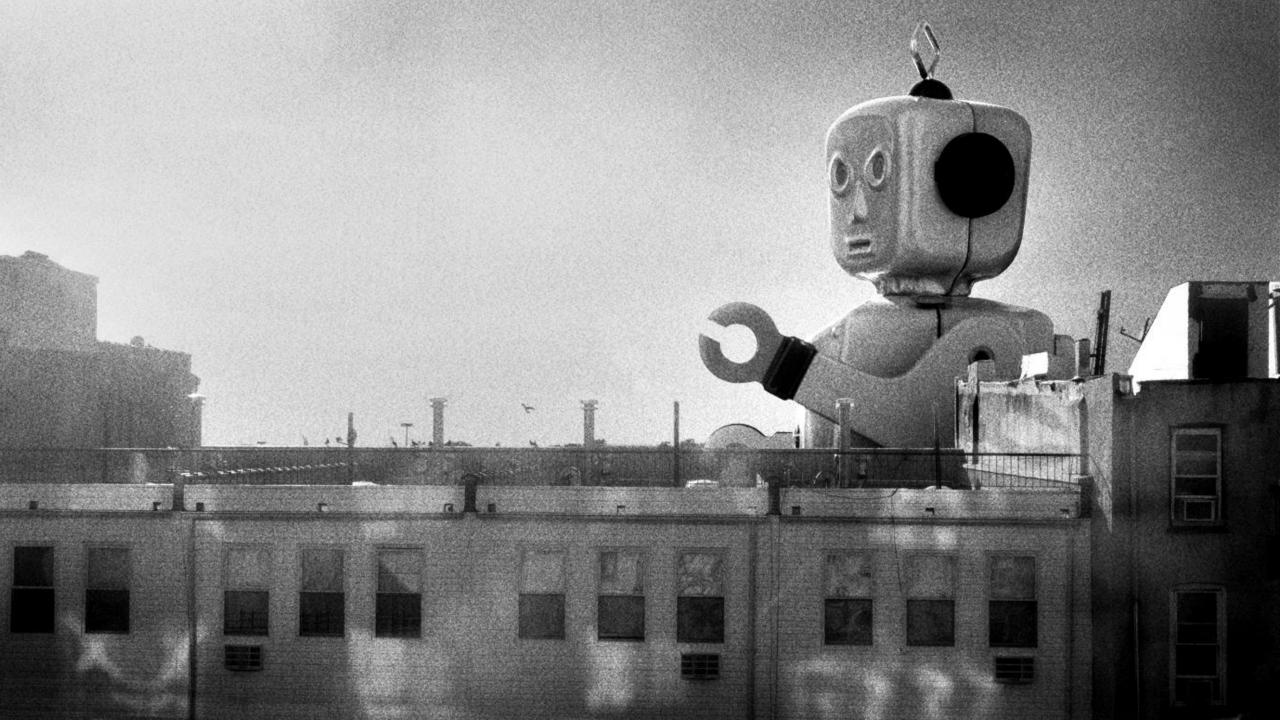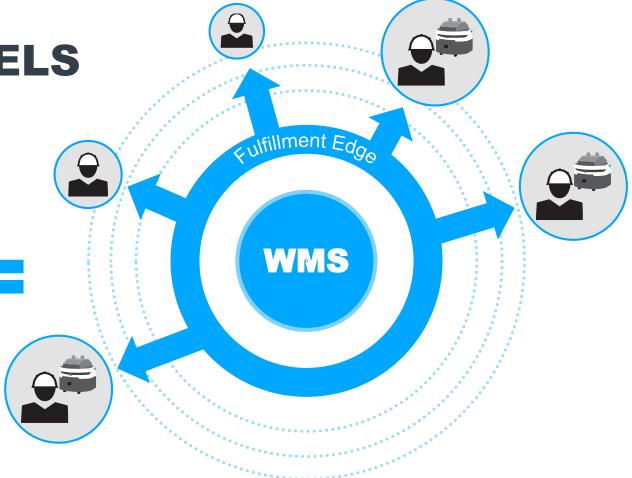Mobile Extension Interface

WMS/ERP BACKEND SYSTEMS

MODEX 2020
powered by MHI

ACHIEVE HIGHER LEVELS OF PERFORMANCE

Transform worker dwell and travel time into productive picking time

+

Optimize picking workflows

=

Fulfillment Edge

WMS

INTELLIGENT ORCHESTRATION
of your robots and workers for more productive outcomes

ENABLING A SMARTER
MORE CONNECTED WAREHOUSE

Act	**Workflow Applications**	**Intelligent Insights & Actions**
Analyze	Profile Management Location APIs Events Context	**Visibility "Building Blocks"**
Sense	Mobile Computers Printers Edge Computing & Sensing Scanners RFID Readers	**Edge Ecosystem**

POWERED BY POSSIBILITIES.

MODEX 2020
powered by MHI

GETTING STARTED...

For more information:

Speaker email: Tom.Bianculli@zebra.com

Website: www.zebra.com

Or visit MODEX Booth **#3607**