

LUCAS WAREHOUSE OPTIMIZATION SUITE



DISTRIBUTION TRANSFORMED

The Smartest Warehouse Software in the Industry

Powered by Jennifer™ Intelligence

Based on thousands of person-years of accumulated operations experience in hundreds of DCs around the world, the Lucas Warehouse Optimization Suite helps DC operations transform and continuously adapt to changing markets and customer demands. The suite is powered through unique AI-based optimization that is embodied in Jennifer™ - the brains, orchestration engine and voice of the solution. Jennifer™ incorporates a variety of AI, machine learning and other decision making technologies that are used to optimize and orchestrate DC operations.

Example results

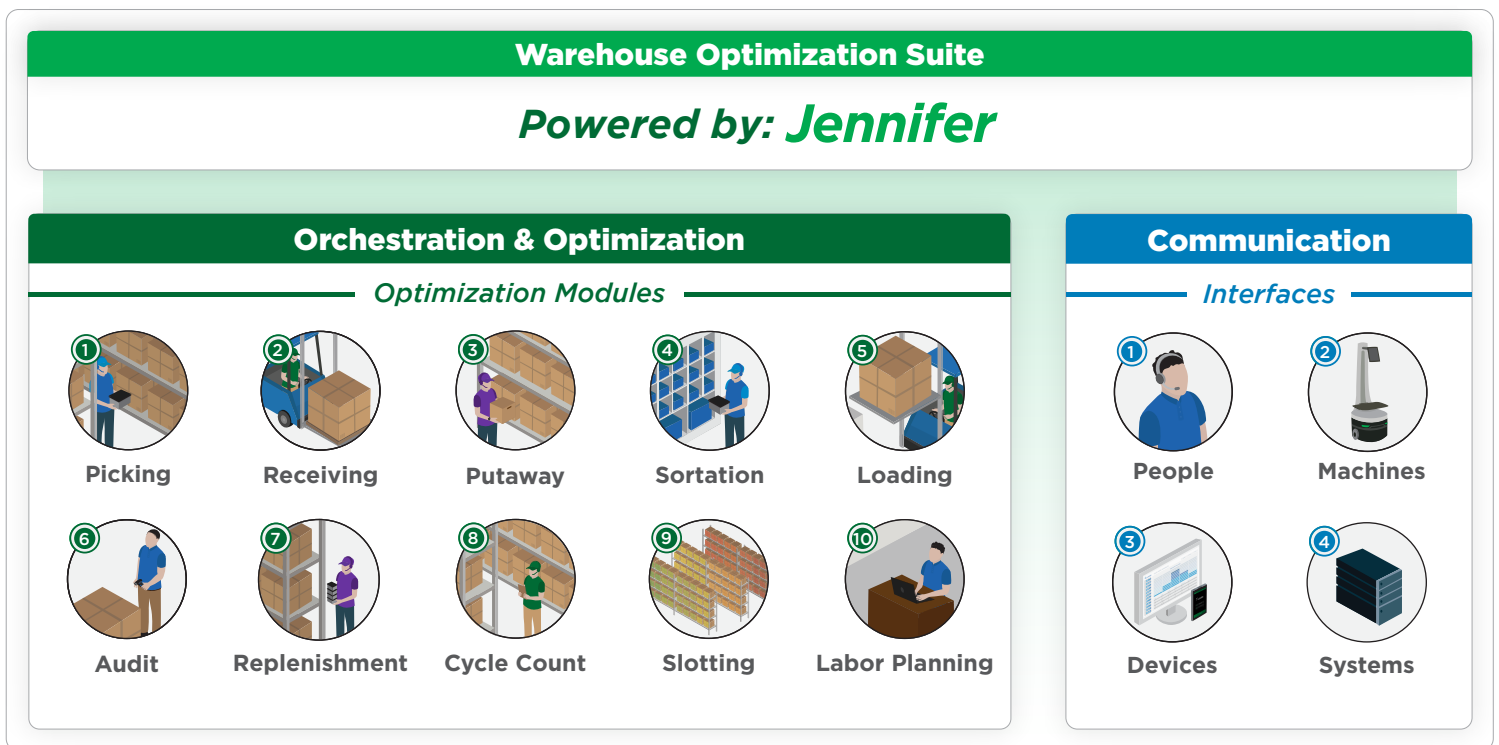
122% productivity improvement

99.99% same-day shipping

80% reduction in errors

50% reduction in labor hours

33% increase in throughput



Optimization	Jennifer™ uses order, inventory and location data from other systems and applies real-time AI-based algorithms to optimize work assignments and tasks.
Orchestration	Jennifer™ organizes and orchestrates work across people, robots and other automation systems.
Communication	Jennifer™ communicates with people, robots, automation and IT systems via standard user and system interfaces.

Maximize Productivity, Accuracy and Service

Through AI-based optimization and adaptive workflows, the Lucas Warehouse Optimization Suite empowers companies to meet new demands by setting new standards for employee productivity and accuracy, improving management effectiveness and evolving with your business.



Reduce travel and double productivity with AI-based travel optimization



Optimize the productivity of people and robots with intelligent work orchestration



Increase efficiency and ease of use with easy to use multi-modal mobile applications



Optimize inventory with AI-based dynamic slotting



Reduce training and onboarding with intelligent voice-directed and speech recognition technology



Improve manager effectiveness with the Lucas management console



Increase accuracy with efficient pick/put validation and optimized audit criteria



Improve worker safety with hands and eyes free voice-directed applications



Far and away, it's the best decision I ever made and the best product I ever brought in. This thing paid for itself in less than a year.

Chris Timmons, Executive VP of Operations

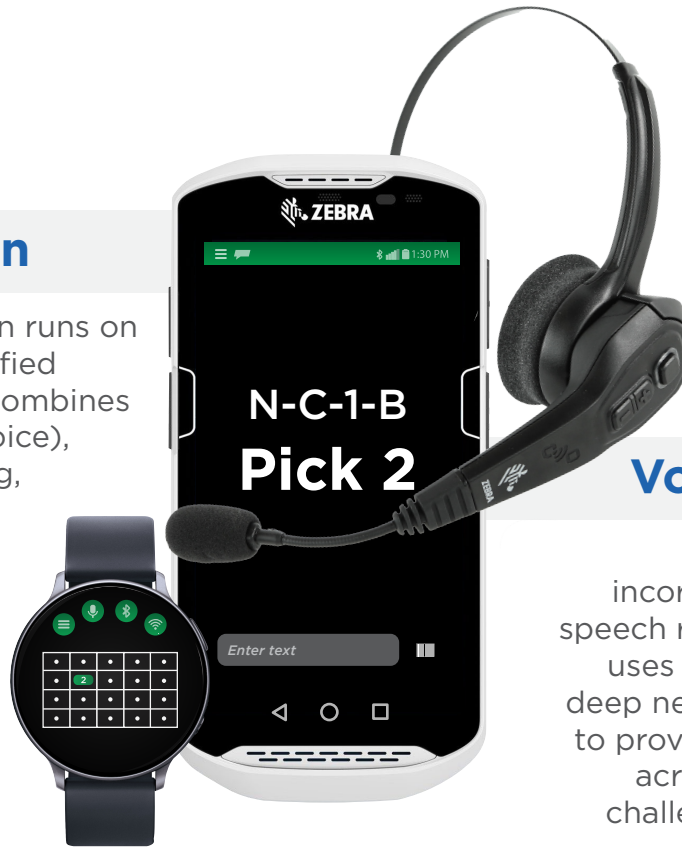
Eby-Brown

Making the Lives of Workers and Managers Easier With Human-Centered Applications

Beyond AI-based optimization, the Warehouse Optimization Suite includes a variety of interfaces to orchestrate and communicate with managers and workers.

Mobile Application

The Lucas mobile application runs on a wide variety of Lucas certified devices. The user interface combines voice direction (Jennifer™ voice), speech recognition, scanning, display and RFID.

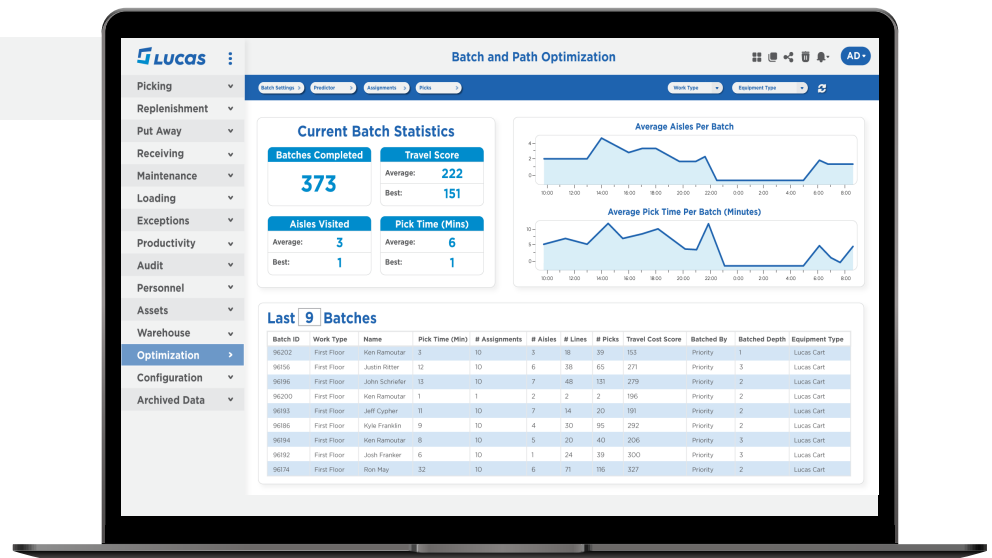


Voice Technology

Lucas voice technology incorporates an industry-best speech recognition platform that uses dual speech engines and deep neural network technology to provide optimal performance across languages, users and challenging DC environments.

Management Console

The Lucas management console provides managers with real-time performance visibility and control of operations. Beyond monitoring operations, managers can manage workers and work in process, and update rules, settings and configurations.



Lets Turn Your Distribution Operation Into a Competitive Advantage, Together.

Lucas Systems helps companies transform their distribution center operations and continuously adapt to changing market dynamics. We dramatically increase worker productivity, operational agility, and accuracy and reduce the need for labor.

Lucas solutions are built on 23-plus years of deep process expertise and smart software using AI-based optimization technologies. Our solutions feature Jennifer™, the brain, voice, and orchestration engine that drives performance improvement gains. We help you make the smartest moves at the lowest cost with Jennifer™.

Visit www.lucasware.com/contact or call (724) 940-7000 for more information.

Industry Leaders Work With Lucas

- ✓ **Beverage**
Polar Beverage, Breakthru Beverage, Republic National Distributing Company
- ✓ **Food and Grocery**
Ace Endico, Eby Brown, Piggly Wiggly, C&S Wholesale, Anderson-Dubose
- ✓ **Healthcare**
Owens & Minor, CVS, Medline, Baptist Health, Henry Schein
- ✓ **Industrial**
Apex Tools, Kennametal, Rotary Corp, Marcone Supply, Rustoleum
- ✓ **Retail**
Abercrombie & Fitch, Pet Supermarket, The Container Store, Sportsmans Guide



You rarely implement a new system and have users tell you 'It's made my life so much easier!' Making the processes better for associates makes them more productive. And that's better for the business.

Chris Rufa, Senior Director of Global Distribution

