Today’s operational challenges
Scan gun based shop floor transactions account for a significant amount of work during shop floor operations. Yet current solutions are inefficient, resulting in:

- Increased time per transaction
- More manual effort per transaction
- Inaccuracies and reconciliation effort
- Decreased customer satisfaction
- Sub-optimal business processes

“As-is” Oracle solution has limitations
- “Out of box” MSCA screens only offer basic, minimum functionality with many steps to complete transactions
  - Has gaps between business process and Oracle behavior
  - Can have multiple screens per transaction and several entry fields per screen
- High level of user data entry, especially for high volume, frequent transactions
- Technology stack makes custom date entries and screen layout changes challenging
  - Customization is expensive, takes time, and could pose EBS upgrade risk
- Lacks user-friendly data entry elements
- Difficult to troubleshoot issues in production
How we can help
Fujitsu ‘Smart Scanning Solutions’ based transactions optimize the shop floor business process, and reduce execution time by:

- Substituting data entry, screen navigations, etc. with scanning of barcodes and QR codes
- Enabling users to configure the system according to their business process, optimizing data entry during transactions
- Designing smart labels that enable Smart Scanning solutions

What we offer

On-premise solution
- Supplement Oracle as-is functionality by building solutions using Intellinum platform
- Works for all WMS/MSCA mobile forms
  - Standard and custom
- Multi-tier personalization
  - Site, responsibility, organization, and user
- Works for all MWA clients, Telnet and GUI, Windows/iOS/Android
- No modification to Oracle code
  - Patch-safe and upgrade-safe

SaaS solution
- Build out functionality using Intellinum’s Flexi LogiPro offering in the Oracle Cloud Marketplace
- Secure encrypted data transfer
  - No customer data is stored in Intellinum cloud
- Maintenance/patching included in subscription

In today’s ever-changing environment, companies need a vision for the future
How it works

Shop floor operations are tightly integrated to the shop floor systems and most businesses use mobile supply chain applications running on a scan gun. Shop floor operators perform the physical transactions, and then mirror those transactions in the system. In many cases, the system directs the operators to perform the operations in a certain way.

Analyzing your shop floor business processes

We begin by interviewing the shop floor operations team to identify the most time consuming and inefficient shop floor system transactions. These inefficiencies could be due to the system not being able to mirror the physical transactions process appropriately, having multiple touchpoints/screens, or having significant manual data entry requirements with limited or non-existing scanning options.

This information is used to create use cases for the Smart Scanning solution. We then study the current system solution.

Designing and mapping the Smart Scanning solution

The use cases are then mapped to our repository of pre-developed Smart Scanning solutions.

The solutions are designed to minimize data entry by optimizing transaction screens and enhanced scanning options. Then, these solutions are tailored to the current use case requirements and prepared for deployment.

Deploying the Smart Scanning solution

User testing begins after the initial development work is complete, and the testing then continues until all critical issues are resolved.

After multiple cycles of successful testing, the Smart Scanning solutions are deployed in production systems.

Fujitsu solution focus

- Create smart factories that reduce the inefficiencies in shop floor operations, by automation and by utilizing scanning options
- Empower business teams to innovate and develop streamlined business processes with the system being an enabling factor than being a limitation/overhead

Example: on hand inquiry and sub inventory transfer from a single screen

Barcode Scanning

![Barcode Scanning Example](image-url)
The benefits

Speed

- Fulfill more orders in less time
- It takes a barcode scanner the same amount of time to process a 12 character code as a human entering two of those 12 numbers manually

Minimize errors

- Improve customer service metrics with accurate order fulfillment (picking, packing, shipment)

Business process alignment

- Provide additional information on screen to enable more efficient transactions
- Average potential labor cost savings of approximately 6% per year
- Minimize data inputs, number of scans and number of steps, based on unique business process
- Utilize the system to pre-populate/auto-calculate data to avoid manual input

Why Fujitsu?

Well established partnership with Oracle

- 30+ years of partnership with Oracle
- Platinum and Cloud Premier partnership that brings all aspects of the alliance to our clients
- Fujitsu is a cloud-capable partner with an intense focus on leveraging existing investments in EBS

Remotely upgrade

- Ability to have upgrades executed 100% remotely as organizations globally shift to the "new normal"

Experienced

- Dedicated employee-based model with proven domain expertise and industry experience
- World-class tools, accelerators, Macroscope® methodology and a proven delivery model

Our core Oracle service offerings

- Oracle Cloud Infrastructure (OCI) Migrations
- Oracle ERP Implementations, Upgrades and Optimizations
- Oracle Application and Database Managed Services

Want to know more?

Contact us at Fujitsu.com/us/contact to discover how we can help optimize your shop floor operations

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