GeneralData

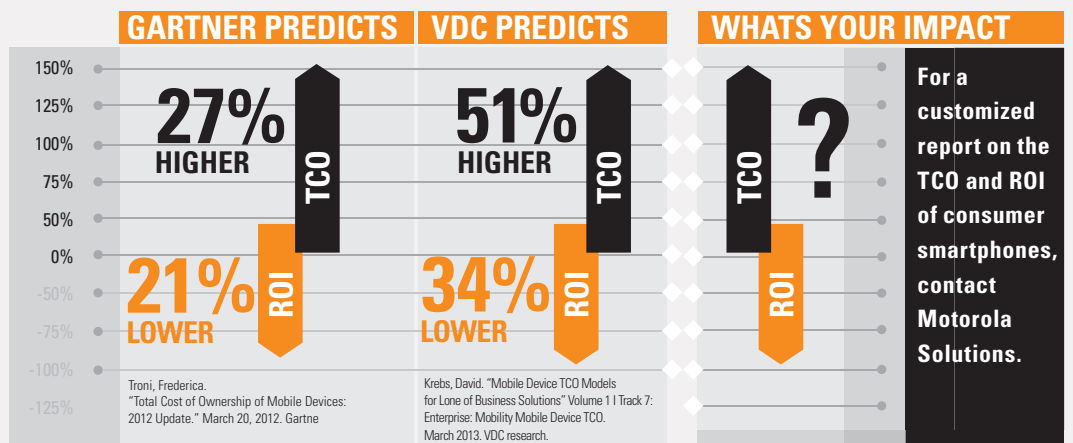# INDUSTRIAL IMMOBILITY: THE HIGH COST OF STANDING STILL

10 WAYS YOU'RE CUTTING YOUR OWN PROFITS

1. Receive products manually and have data keyed into a fixed terminal.

2. Accept shipments from your suppliers without barcode labels and Advanced Ship Notices for incoming materials.

3. Allow material handlers to put product wherever they find an open slot and then handwrite the location on paper.

4. Perform cycle counts manually, using paper forms.

5. Force tasks to be done on a single mobile device, regardless of ergonomic and technical problems.

6. Rely on printed reports to determine which pick slots need to be replenished.

7. Ignore hands-free technology while pickers juggle handheld devices and paper lists.

8. Require your equipping managers and workers to use face-to-face communications and batch processing rather than the more efficient, real-time voice alternative.

9. Fail to invest in tools that can help you proactively manage your infrastructure and mobile devices.

10. Use consumer-grade devices that aren't designed to withstand a tough, industrial environment.

HIDDEN COSTS OF CONSUMER-GRADE TECHNOLOGY

Consumer devices (e.g., smartphone, tablet) may seem like the better value than rugged, industrial-grade choices when you compare the price tags, but there's more to the total cost of ownership than the purchase price.

GARTNER PREDICTS

27% HIGHER TCO

21% LOWER ROI

Troni, Frederica. "Total Cost of Ownership of Mobile Devices: 2012 Update." March 20, 2012. Gartne

VDC PREDICTS

51% HIGHER TCO

34% LOWER ROI

Krebs, David. "Mobile Device TCO Models for Lone of Business Solutions" Volume 1 I Track 7: Enterprise: Mobility Mobile Device TCO. March 2013. VDC research.

WHATS YOUR IMPACT

TCO **?** ROI

For a customized report on the TCO and ROI of consumer smartphones, contact Motorola Solutions.

(Chart axis: 150%, 125%, 100%, 75%, 50%, 0%, -50%, -75%, -100%, -125%)

HANDS OFF! A BETTER WAREHOUSE APPROACH

With a hands-free, wearable mobile computer and a wireless ring scanner, productivity soars:

- Pick and sort more items per day
- Capture more information about the items
- No increase in cycle times
- Easily accommodate produces changes as your operations evolve

BLACK & WHITE ALL OVER: BARCODING IN THE WAREHOUSE

Barcodes aren't just for labeling an item. Use barcode labels in every section of your warehouse—for shipping and receiving, pick-and-pack applications, inventory, and outdoor scanning:

- Location codes identify where items are stored; often placed on shelves and enclosed in protective plastic

- Floor labels on the warehouse floor are covered with tape or plastic to withstand the industrial environment, including forklift traffic and chemicals.

- Retro-reflective labels are larger, for long-range scanning, like aisle markers or pallet locators; usually mounted on a wall or hung from a ceiling of up to 35 feet

- Pallet labels identify pallets and are used for tracking as they move from one location to another; often produced with a thermal transfer printer for quality and ease of scanning.

DISCOVER THE EASY INTEGRATION AND FAST ROI WHEN YOU MOBILIZE YOUR OPERATION. CONTACT GENERAL DATA TO LEARN HOW.

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