



# Infor Factory Track™ Hardware Recommendation Guide

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# Introduction

The purpose of this document is to present the scanner hardware specifications, considerations and options for Infor Factory Track customers.

Infor Factory Track Warehouse Mobility simplifies and automates Infor ERP's warehousing and manufacturing processes. Factory Track Warehouse Mobility is a purpose-built solution that allows operators the flexibility to use and leverage industrial barcode scanners for operational efficiency.

Some of the key hardware requirements for implementing Infor Factory Track include:

- User Interface options:
  - Mobile scanners
  - Fixed terminals with tethered or Bluetooth scanners.
  - Tablets with touch-screen capability and Bluetooth scanners.
- Other considerations:
  - Wireless access points
  - Label printers

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## Hardware and User Interface Specifications

This section provides the specifications related to Infor Factory Track.

### Web browser (HTML5-compliant)

Infor Factory Track requires the use of a web browser. The browser must be fully HTML5 compliant. Older versions of HTML standards must be replaced with the updated ones.

The new tablets and computers include the HTML5 compliant browsers. Windows 10 has the Microsoft Edge browser and other assorted browsers on tablets and PCs'. Android 6 and other higher version also include the HTML5 browsers. These built-in browsers are HTML5 compliant and are compatible with the FT application.

There are other assorted browsers available in the app stores for mobile scanners. The compatibility of these browsers must be evaluated, if the customer prefers to use other browsers.

In addition to the HTML5 compliant web browser, and based on FT evaluation including testing of mobile scanners, these are additional scanner hardware specifications:

- Processor: Multicore, 1.5 GHz or higher.
- Display: Full VGA display that is at least 4.2" or larger.
  - Note:** Devices with keypads, can use the screens that are at least 4.2".
  - Devices with no keypads require larger screens. Memory: 2GB of RAM or more.
- Operating Systems:
  - Windows 10 and higher versions for tablets / PC's / vehicle mounted devices.
  - Android 6.0 and higher versions for enterprise handheld devices and tablets.

The performance of the scanning devices is based on the processor speeds, number of cores as well as the scanner memory (RAM).

**Note:** Devices with no built-in hardware keypad get the overlap issue between the pop-up keyboard and the Factory Track Warehouse Mobility screens, as the pop-up keyboard reduces the amount of space for the Factory Track screens. This overlap can be resolved by units with large display sizes. The other way to avoid this issue is by turning off the virtual keyboard completely and performing all the user input by scanning.

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## Mobile scanners, tablets, and kiosks

The customers must evaluate the scanning requirements and test the scanners prior to implementing and deploying scanner hardware.

These are the pre-requirements that must be considered prior to purchasing any scanners, tablets, or kiosks:

- Wired or wireless infrastructure
- I-Safe Requirements: to check if the environment is hazardous or non-hazardous
- Scanning ranges: the maximum scanning range value from the barcode, allowed to the users to scan.
- Storage container types: Metal barrels, plastic cartons, cardboard boxes; different storage container types affect wireless reception.
- 1D or 2D barcodes.
- Wireless coverage area: to check the availability of work area

Localized environmental factors and usage can be used to select the best applicable device model.

If there is no existing infrastructure, Infor FT recommends to perform a site survey. A site survey provides information of the environment in which the scanners can be used. This survey also helps in purchasing decisions for testing.