

Velocity Technical Certification Training

Technical Enablement

Q3 2022

Use cases

Migrate TE



Modernize TE



Modernize Web



Focus for Each Use Case

Migrate TE



Modernize TE



Modernize Web



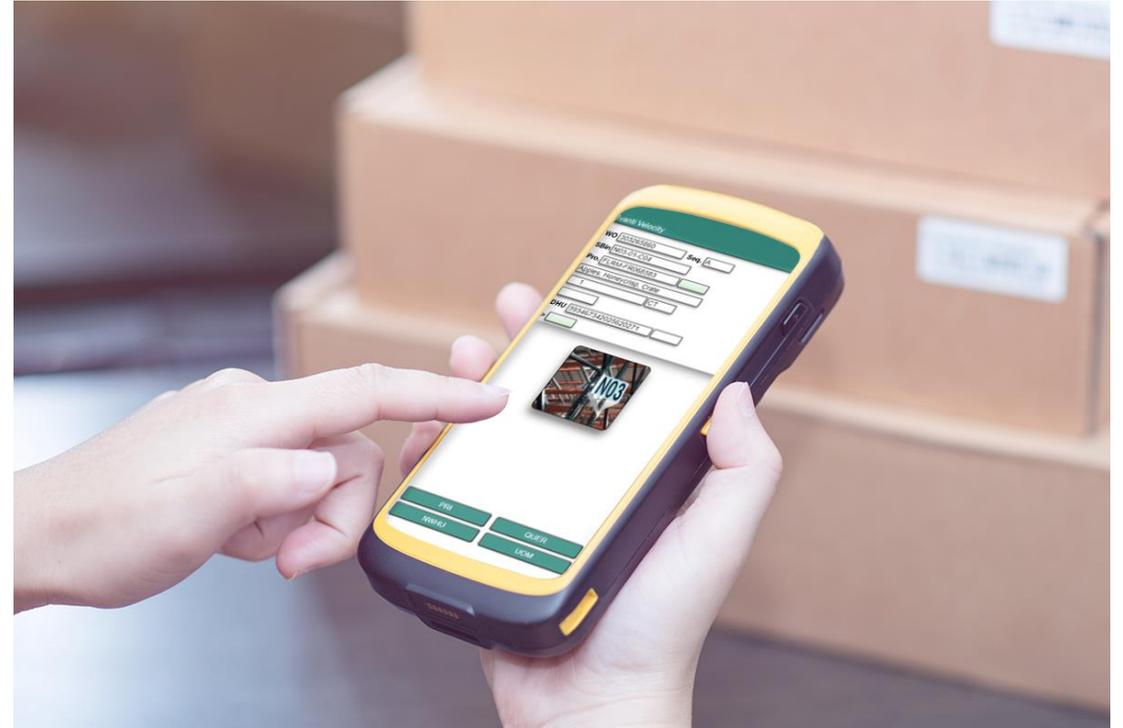
- **Inputs**
- **Processes**
- **Output**



Module 1: Migrate TE

Prerequisites

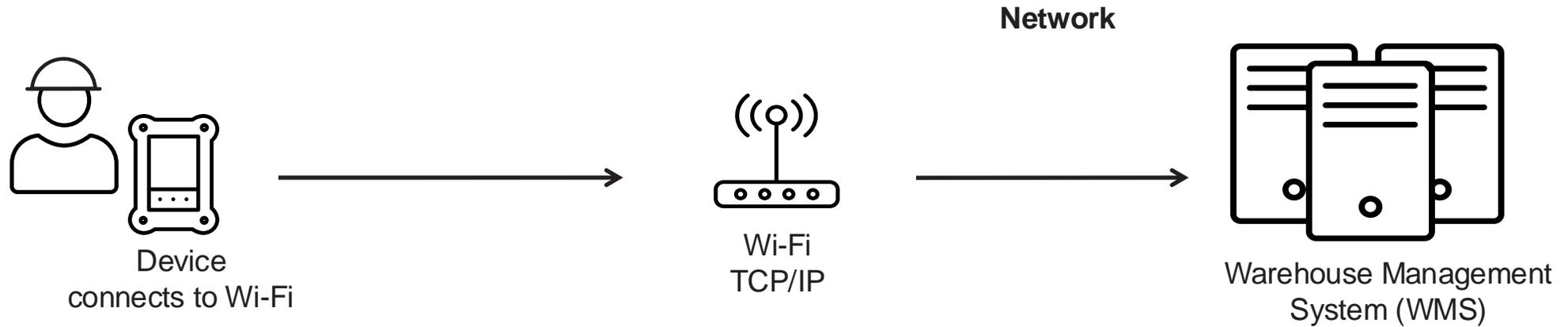
- Familiarity with Velocity Client and Console
- Beginner-level knowledge of scripting:
 - CSS
 - HTML
 - JavaScript
- Note:
 - This training was created using:
 - Velocity Windows 10 Client v2.1.23
 - Velocity Android Client v2.1.24
 - Velocity Console v2.1.23
 - Because Velocity Client and Console are updated to enhance functionality and usability, check:
 - [Velocity Documentation](#)



Overview of Migration TE



Warehouse Network Environment



- Common warehouse transactions
 - Picking
 - Put-away
 - Replenishment
 - Cycle count
 - Receiving
 - And more

- Complex systems
- Time consuming and costly to change



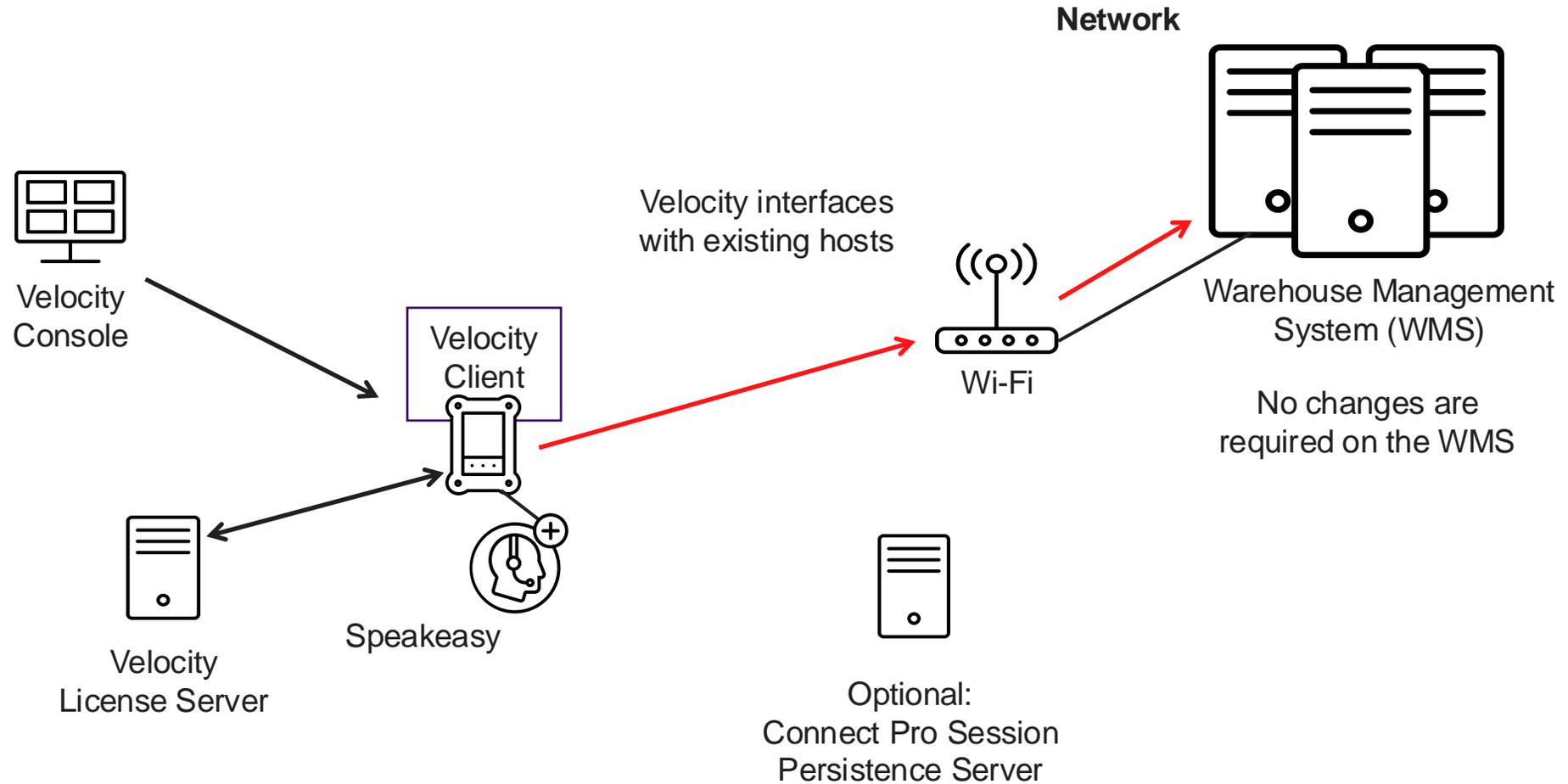
Common Warehouse Challenges



- Migrating and modernizing legacy applications
 - Update green screen apps to Android
 - Update Telnet apps to touch-enabled modern apps
 - Enable Telnet multi-session support
- Improve productivity and accuracy
 - Provide employees with familiar Android interface
 - Eliminate redundant steps
 - Help employees complete tasks faster
- Decrease onboarding time and lower training costs
- Extend value of WMS
 - No need to update or modify WMS applications



Wavelink Solutions



Platform

- Designed to help companies quickly migrate or modernize their mobile user interfaces
- Automates the configuration process, updating scripts and profiles
- Incorporates best practices for migration and modernization
- Speeds time to delivery

ivanti | Wavelink
RAPID Platform

Migrate Modern Web Voice Manage **What's New**

IVANTI RAPID PLATFORM

Eliminate the Time, Costs and Resources Needed to Build a Full Scale Proof-of-Concept

Watch Video

Why Choose the Ivanti Rapid Platform?

Ivanti's Rapid delivery platform is designed to easily migrate customer's apps to Android or Windows 10 and enhance the user experience by modernizing, voice-enabling and managing assets. Our Rapid toolset eliminates sales objections and speeds time to delivery of new mobile computers.

- MIGRATE**
Move existing green screen apps to Android and Windows 10
- MODERN**
Turn green screens into touch-enabled apps
- WEB**
Switch to a browser designed for rugged devices
- VOICE**
Go faster by adding voice to your existing apps
- MANAGE**
Manage all your enterprise mobile computers

Learn More Learn More Learn More Learn More Learn More



Migration TE



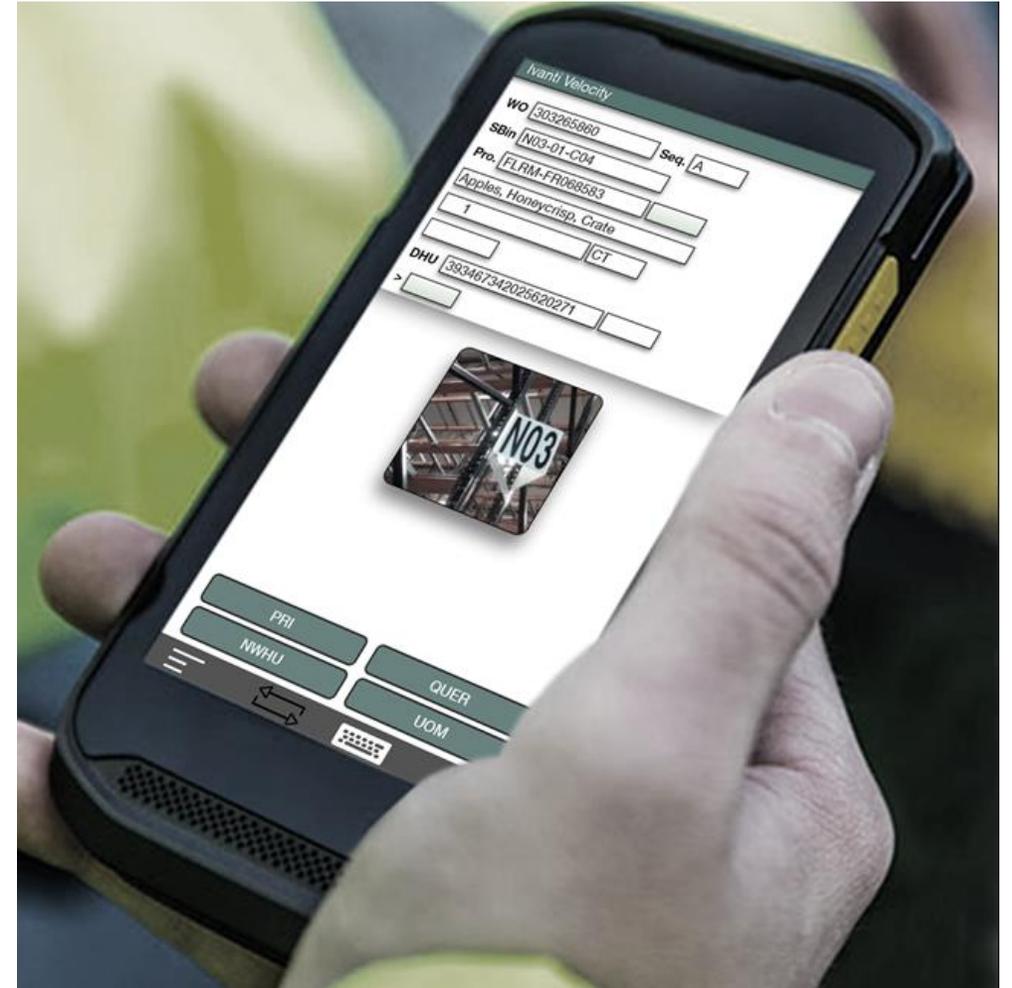
Before You Begin: What Should You Consider?

Rapid Platform can:

- Update key macros and scan handlers
- Convert up to 12 integrated TelnetCE profiles (depending on size of profiles)

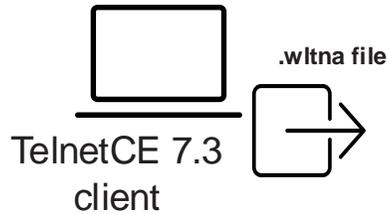
Recommendation: Use Rapid Platform even if device has other types of scripts or more than 12 profiles

- Rapid Platform updates the scripts and profiles it can, saving you time and effort.
- You can then manually migrate the remaining scripts and profiles.

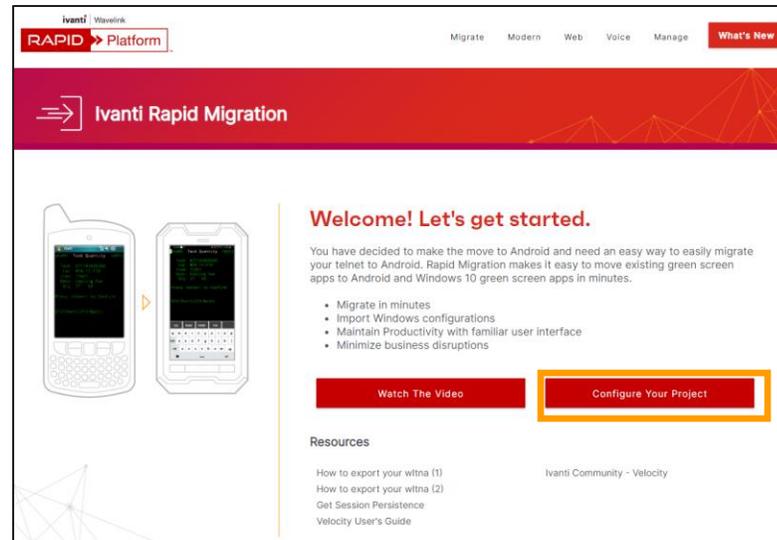


Migration Process

1 Export handheld settings to .wltna file (requires TelnetCE 7.3 client)



2 Use Rapid Platform to convert the .wltna file to a .wdep file

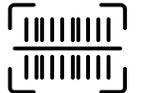


<https://rapid.com>

3 Distribute .wdep file to device(s).

QR code for .wdep file and project file emailed to you

Follow instructions in email (for example, scan the QR code)



Use MDM to distribute to multiple devices



Understanding Projects

Velocity Console

ivanti | Velocity powered by Wavelink

Back | Project 1 (TE) | Any company | Import | Export | Deploy | Screens | Keyboards | Advanced Configuration | Settings | Host | Save

Host Profile

Host Profile

Auto Login

Authorization

Ivanti Neurons

Keyboard

Logging

Mode

Navigation

Security

Scanner

Printing

Voice

Profile Name: Warehouse A

Host Address: 192.168.1.1

Port: 23

Emulation Type: VT220

Server Language: <Default>

Display Language: <Default>

Launch on Startup:

VT Answer Back:

Telnet Negotiation:

Auto Carriage Return:

Hide Close Session:

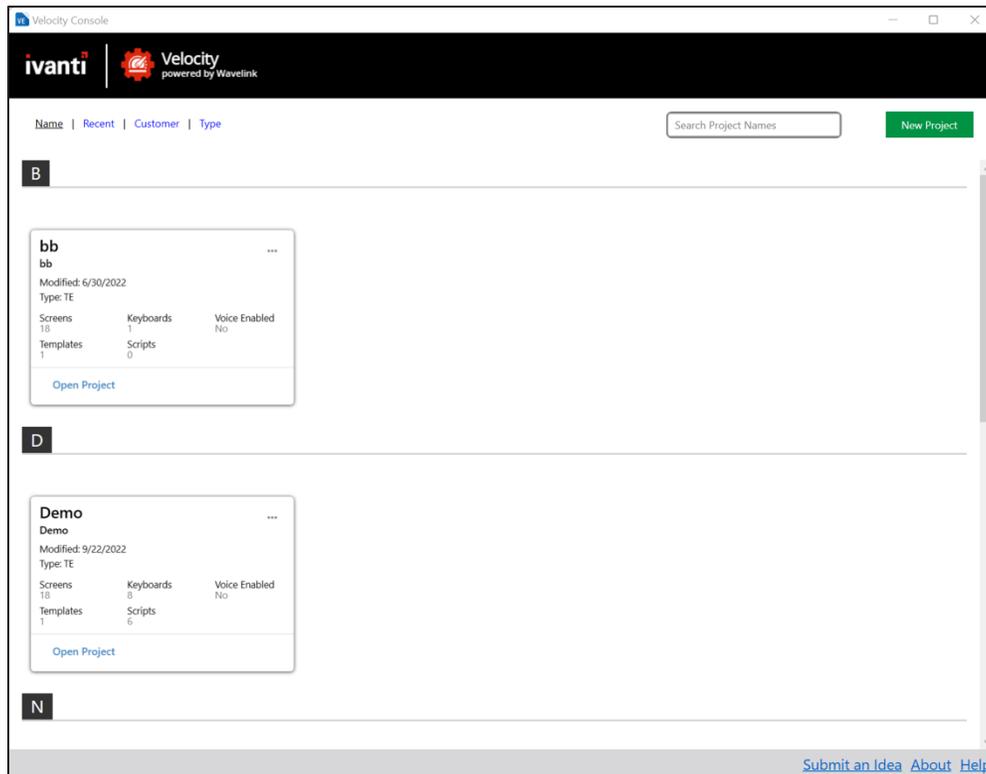
Screen Rows: 24

Screen Columns: 80

- Each TelnetCE profile becomes its own project.
- Project—including a host profile and all the settings and scripts associated with a specific host (typically a WMS)
- Host profiles—define the settings Velocity clients use to connect to a host, such as:
 - Profile name
 - IP address and port
 - Emulation type
 - Server language
- Types of projects:
 - TE
 - Web
 - Global
 - Scan to Configure
 - Oracle SIM

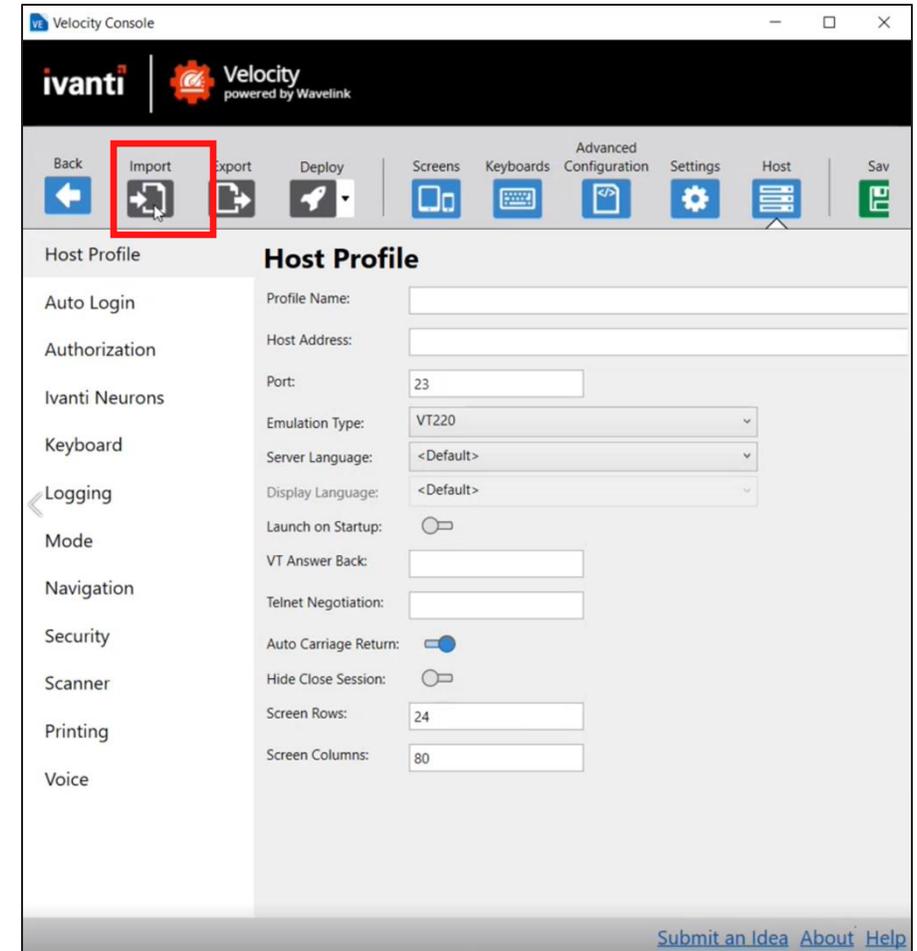
Importing and Editing a Project

Drag and drop project file to initial Velocity Console window



OR

Use the Import button on the Host Profile page

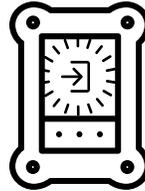


Best Practices for Migrating Applications

1 Migrate 1 device, using Rapid Platform



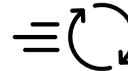
2 Run a pilot with the migrated device



Test

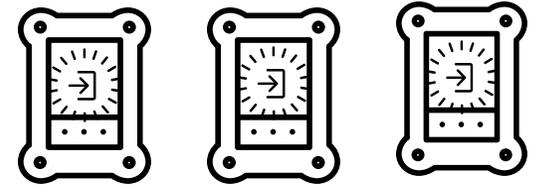


Document



Adjust and update the project file as needed

3 Migrate all devices



OR

Use MDM to distribute to multiple devices

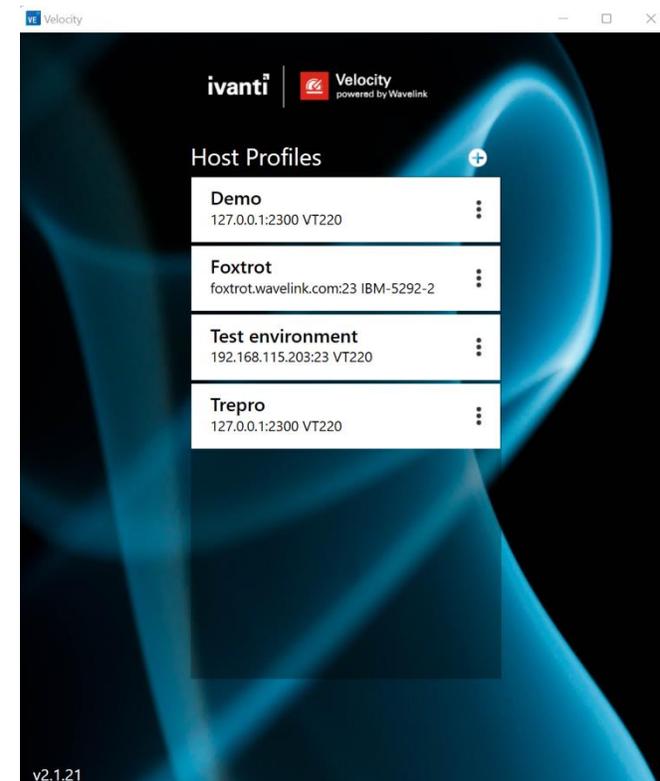


Lab 1A: Migrate a Legacy TelnetCE Application

- Resources you need to complete the lab:
 - Velocity Windows 10 Client
 - Velocity Demo
 - Hosted AS400
- Lab tasks:
 - Migrate Task 1: Export Legacy TelnetCE Settings to a .wltna File
 - Migrate Task 2: Use Rapid Platform to Migrate to Android
 - Migrate Task 3: Explore the Project file in the Velocity Console

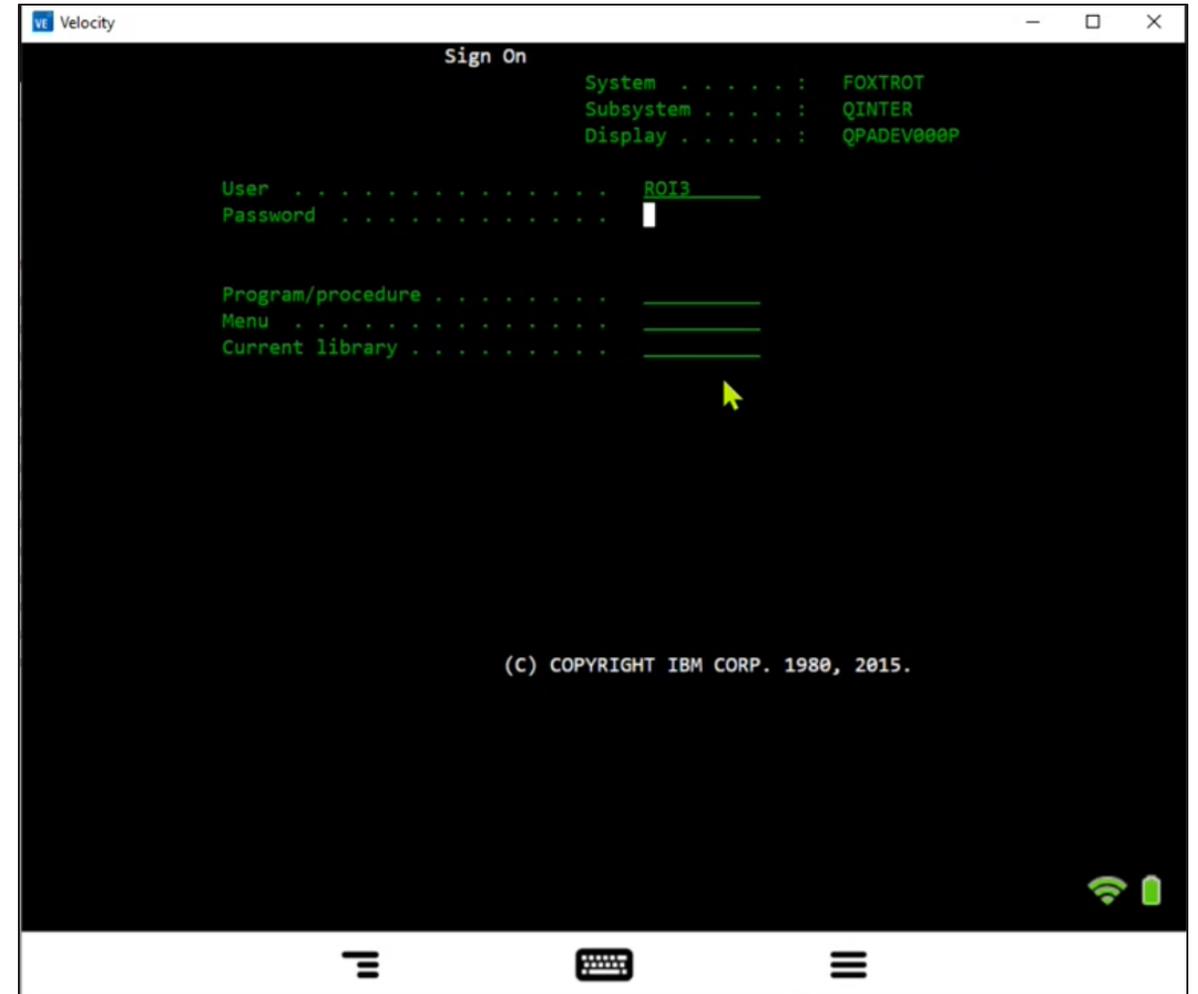
Velocity Windows 10 Client

- Supports the same functionality as Velocity Client for Android devices
- Links to Velocity Console on the same computer
- Provides an easy way to test Host Profiles on a Velocity client
- Can be used with other tools for testing and troubleshooting



Hosted AS400

- Current version and friendly name is
- Provides an ideal environment for:
 - Completing labs
 - Testing configurations (such as keyboard configurations)
 - Troubleshooting issues
- User credentials available for Partners:
 - Username:
 - Password:
 - Server language:



Configure a Host Profile for Foxtrot

- Address: server.website.com
- Port: 23
- Type:
 - IBM-5251-11
 - IBM-5291-1
 - IBM-5292-2
 - IBM-5555-B01
 - IBM-5555-C01

Note: IBM-5292-2 is the most feature-rich type supported on most AS400s.

- Enable logging

Cancel Edit Host Profile Save

Profile Name
Foxtrot

Address
foxtrot.wavelink.com

Port
23

Type
VT220

- IBM-5251-11
- IBM-5291-1
- IBM-5292-2
- IBM-5555-B01
- IBM-5555-C01
- IBM-3477-FG
- IBM-3477-FC
- IBM-3278-2
- IBM-3278-5
- IBM-3279-2
- IBM-3279-5
- IBM-3279-2-E
- IBM-3279-5-E
- VT100
- VT220
- XTERM

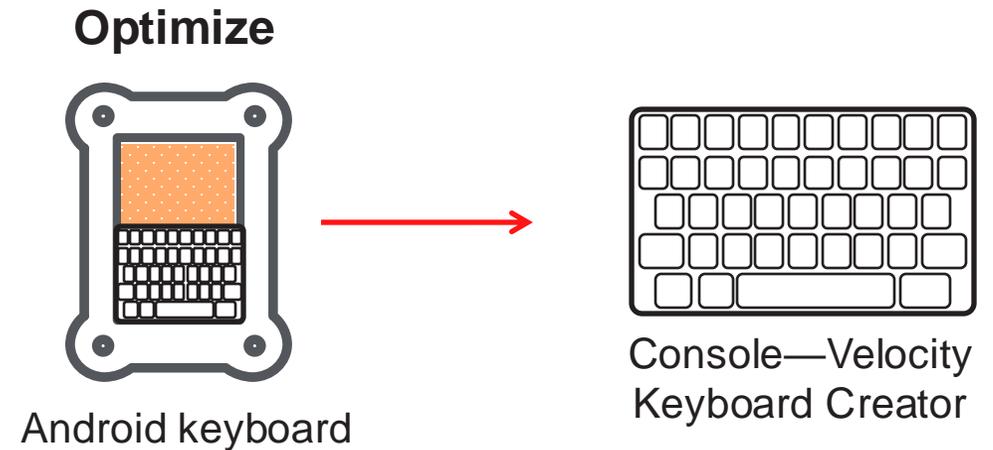
**Next Step:
Optimization**



Why Do Customers Need to Optimize Devices?

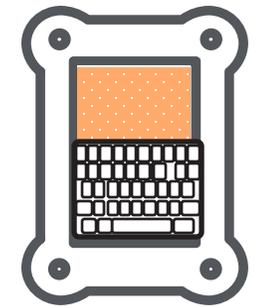
Customer challenges:

- Keyboard takes up too much space on the device.
- Customer needs function keys (which are not supported on default Android keyboard).
- Customer wants to speed up manufacturing processes.



Optimize Devices with Velocity Keyboard Creator

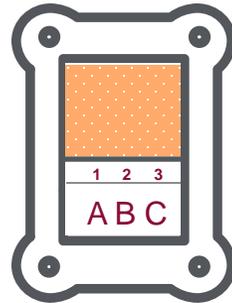
Use Velocity Keyboard Creator to optimize the keyboard to show only what the user needs



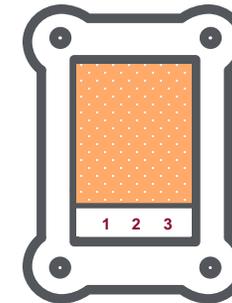
Android keyboard



Alpha keyboard
for login

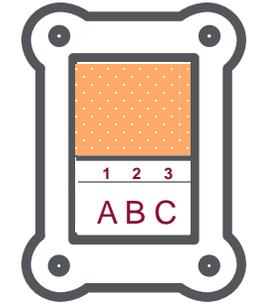


Numeric keyboard
for warehouse
functions



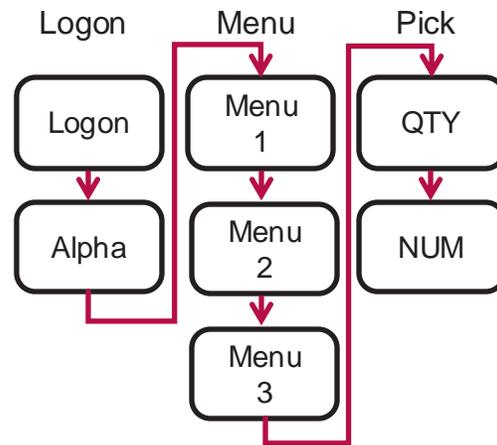
Optimize Devices with Velocity Keyboard Creator

Use Velocity Keyboard Creator to optimize menus

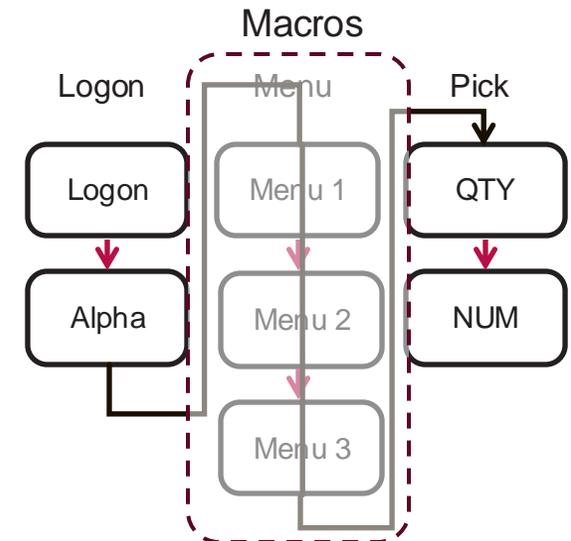


Android keyboard

Example Menu



Optimized Menu, saving multiple keystrokes for every task



Guidelines for Using the Velocity Keyboard Creator

- You create and edit custom keyboards as part of a project.
- A project should contain multiple keyboards:
 - Employees can switch between keyboards.
 - Keyboards can be associated with and triggered by a particular field.
- You can export keyboards from one project to another.
- Once you create one custom keyboard, Velocity Console replaces all the default keyboards, so make sure you include all the keyboards you will need.
- Rapid Platform will give you a library of keyboards.



Lab 1B: Optimize a Keyboard

Optimize Task 1: Replace a Key (Optional)

Optimize Task 2: Use a Macro to Add Functionality to a Key

Optimize Task 3: Edit the Appearance of the Keyboard

Optimize Task 4: Add a Function Key and Edit the Keyboard
Template

