Velocity/MARK Display
Demo Kit

About this demo guide

This **Demo Kit** includes essential components for partners and integrators to effectively demonstrate and evaluate the combination of Ivanti Wavelink Velocity and the ProGlove MARK Display Scanner. This document guides you through the setup and demonstration of both a telnet application and a browser application, where scanner input is done by and essential information for the user is displayed on the MARK Display Scanner.

Besides this document, the kit contains these files:

- Insight_mobile_vx.y.z.apk, the current version of the Insight Mobile app
- proglove.proconfig – scanner configuration file
- Velocity_Android_ARM_x.y.z.apk – the current version of the Velocity Client
- Velocity Proglove TE Demo v1.1.wldep – the Velocity client configuration file for the telnet demo
- Velocity Proglove Web Demo v1.1.wldep – the Velocity client configuration file for the web browser demo
- Velocity Proglove TE Demo v1.1.zip– the telnet demo project file that can be imported in the Velocity console
- Velocity Proglove Web Demo v1.1.zip– the web browser demo project file that can be imported in the Velocity console
- Velocity/MARK Display Integration guide.pdf
- Browser Profile Configuration in Velocity – QSG vx.y.pdf
- Telnet Profile Configuration in Velocity – QSG vx.y.pdf

The Demo Kit does not contain any licenses that are needed for Velocity. These will be provided separately by Ivanti Wavelink.
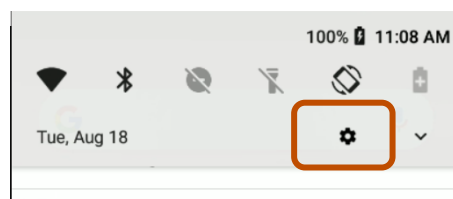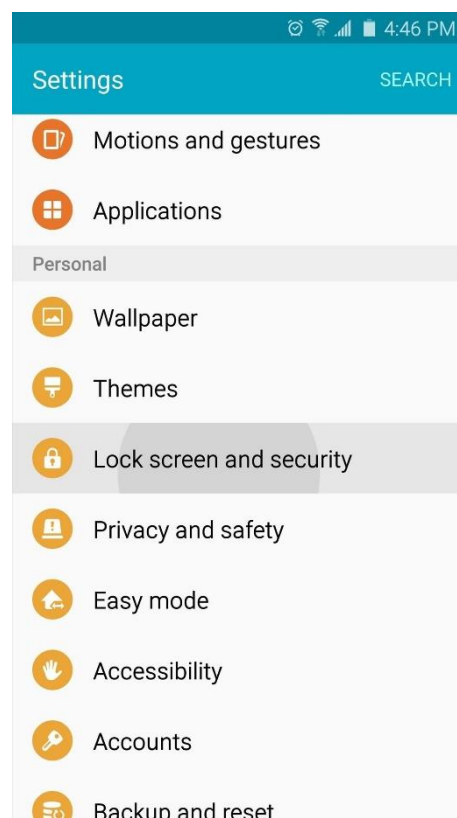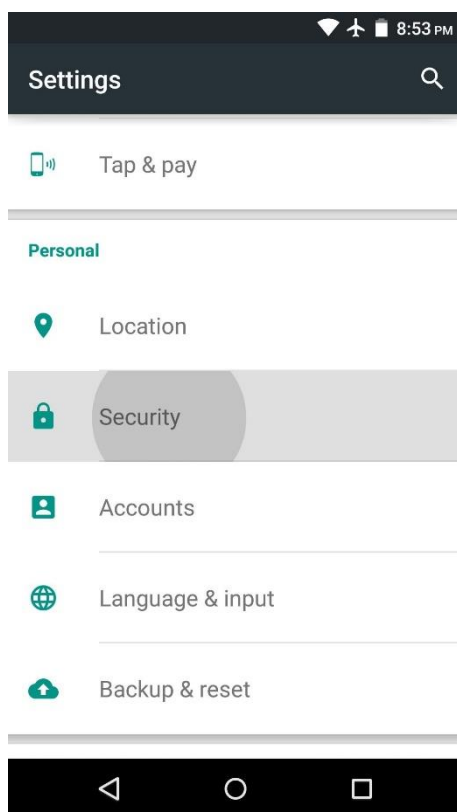
Contents

Allow installation from unknown sources

The Insight Mobile app is not available in the Google Play Store and must be installed manually. The Velocity client can be either installed from the Play Store or manually. Android expects the permission to be set to allow manual installation of apk files, or installation from unknow sources. We will explain how this works for Android 8 and higher in the installation section below, these are the steps to take for Android 7 or lower:
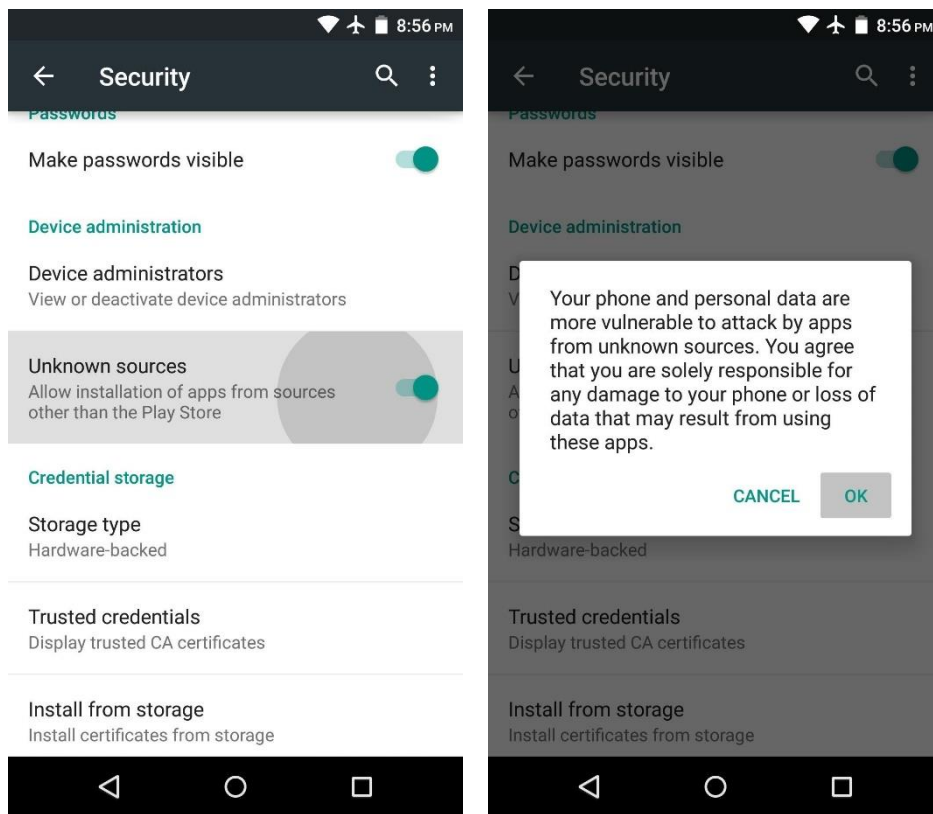
- Open Settings from a Home Screen or swipe from the top and a system menu will appear. Then click the settings icon.

- Tap "Security" on a stock Android device or "Lock screen and security" on a Samsung device:
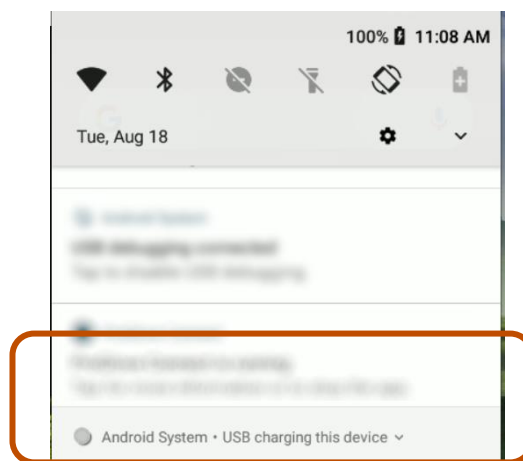
- Tick the box or toggle the switch next to the "Unknown sources" entry, then press "OK" on the popup.
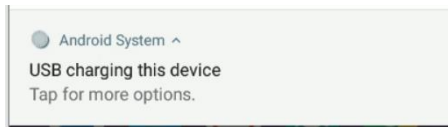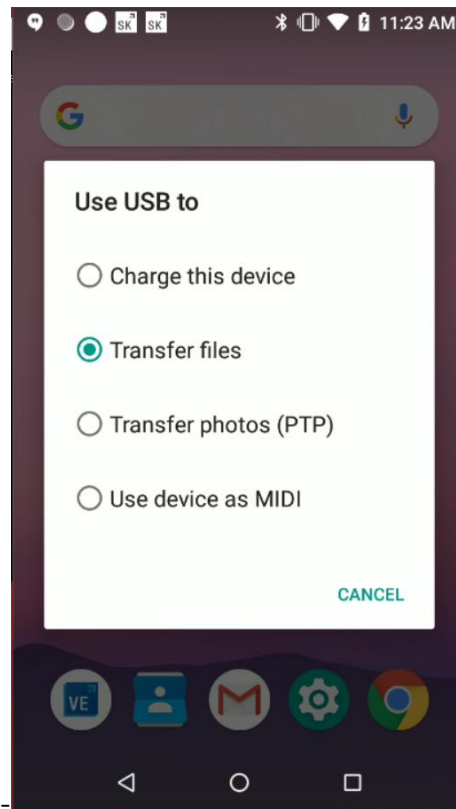

Installing the demo files

First, connect the device with your computer and enable the USB connection for file transfer: swipe from the top and a system menu will appear. The option at the bottom of the menu will say 'Android System – USB charging this device:

Tap on that part of the menu, it will now say 'Tap for more options':
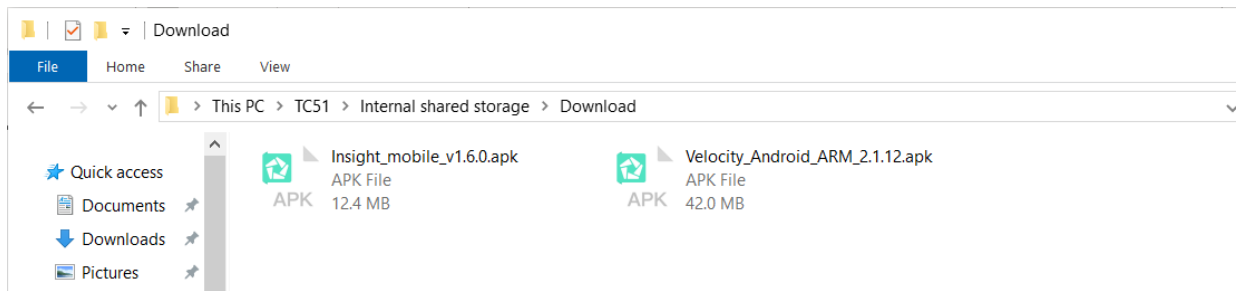
Tap again and chose 'Transfer files':

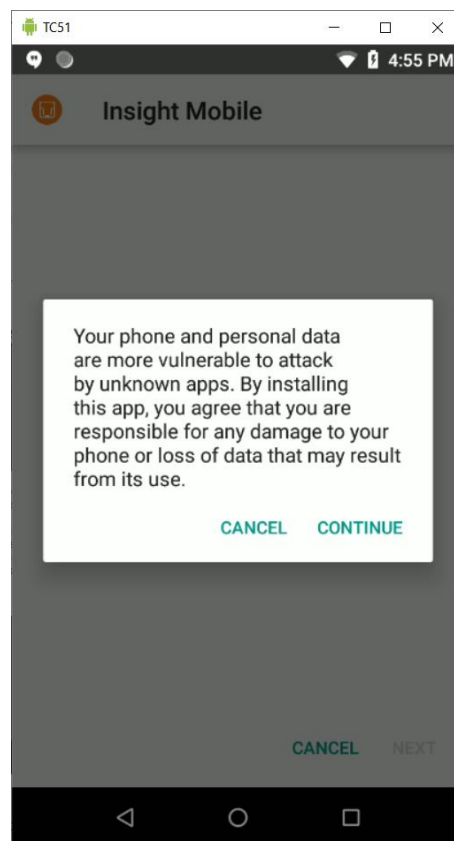The device is now available on your computer to copy files to.

- From the PC, launch File Explorer and select the mobile computer, then open the Internal shared storage. For some mobile devices, this folder is called SD Card instead of Internal shared storage.
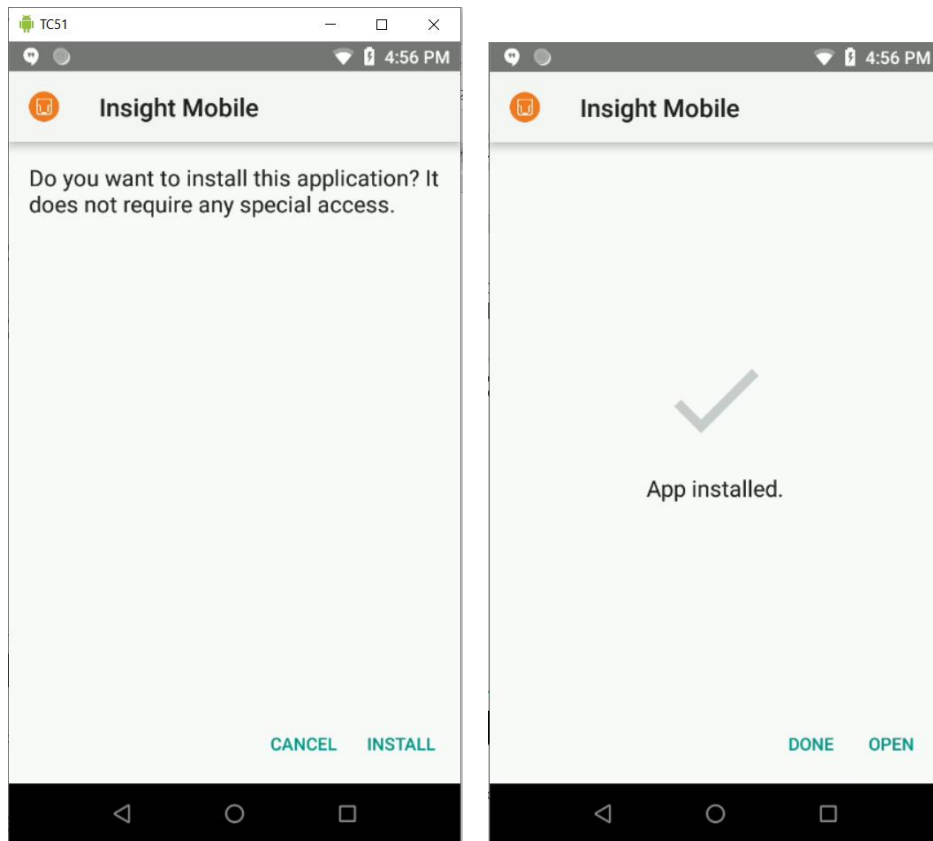
- From the PC, open File Explorer and copy the files Insight_mobile_vx.y.z.apk and Velocity_Android_ARM_x.y.z.apk to the Download folder on the internal storage/SD card of your mobile computer.
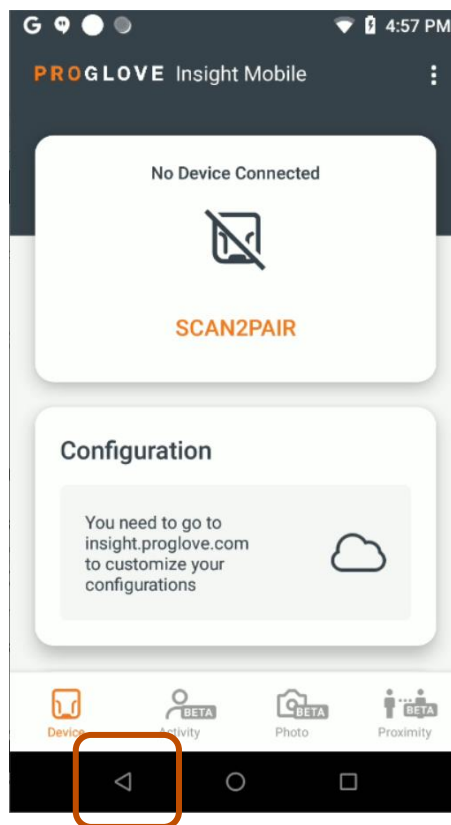

- Open a File Browser on your mobile device, browse to the downloads folder and tap the Insight_mobile apk to start installation. In Android 8 a confirmation question is displayed to allow the installation of applications from unknows sources. Click continue:
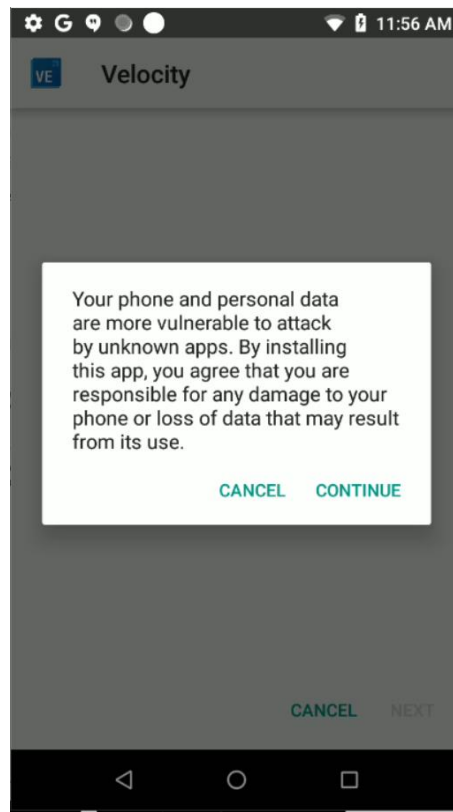

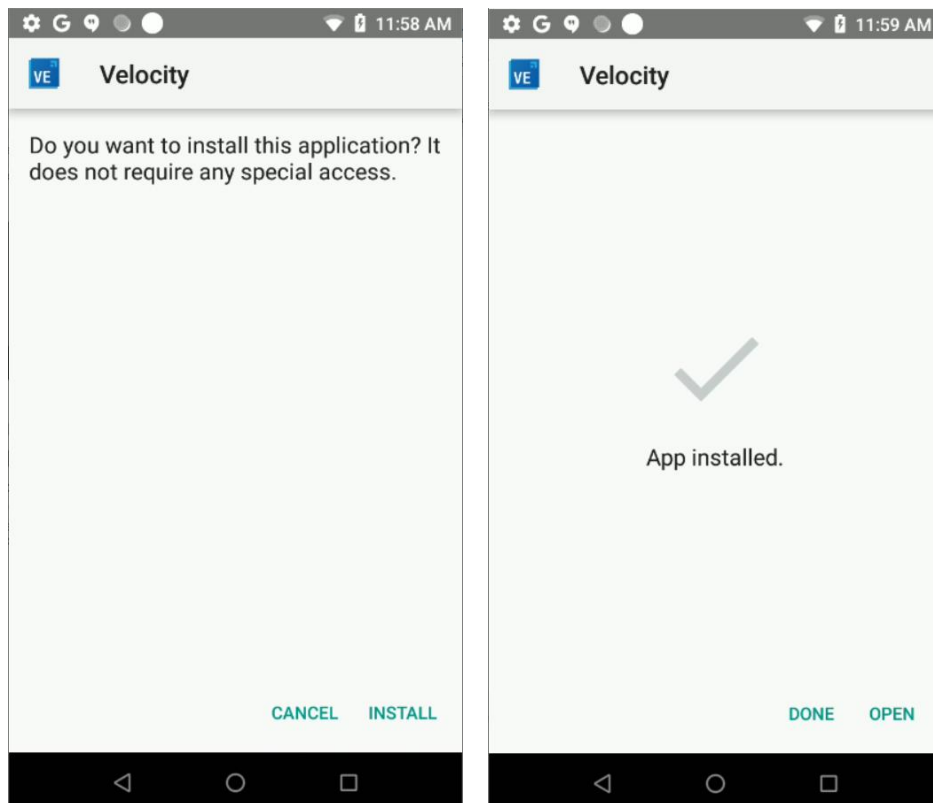- The installation starts by clicking 'Install'. Click 'Open' when the application is installed:

- When the application is started, click the back button multiple times to return to the File Browser application:
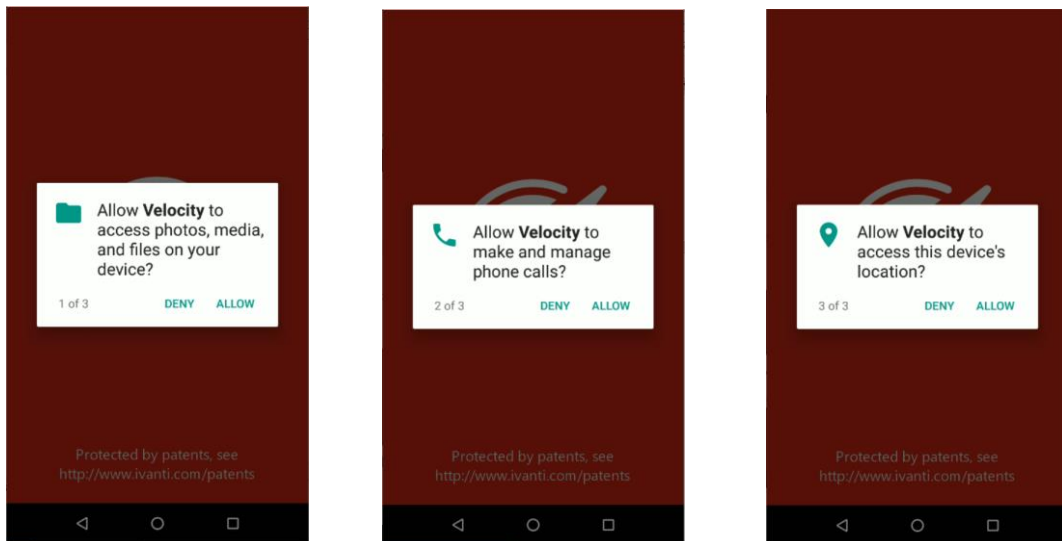
- Start the installation of Velocity by tapping the Velocity apk. Again, in Android 8 a confirmation question is displayed to allow the installation of applications from unknows sources. Click continue:
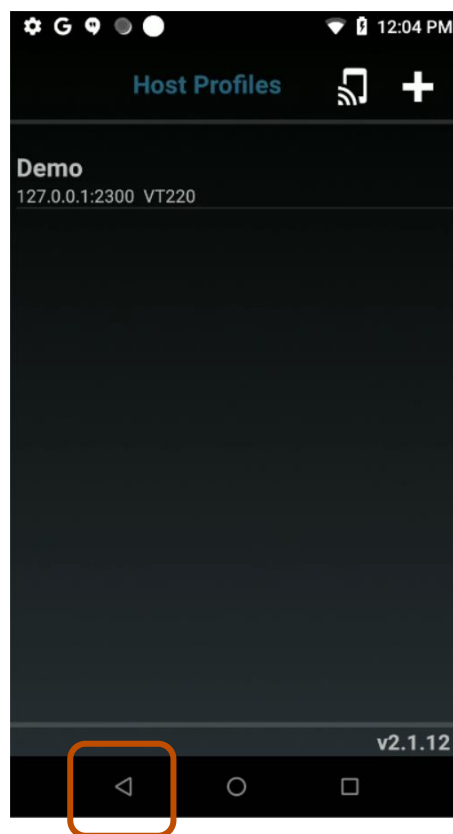

- The installation starts by clicking 'Install'. Click 'Open' when the application is installed:

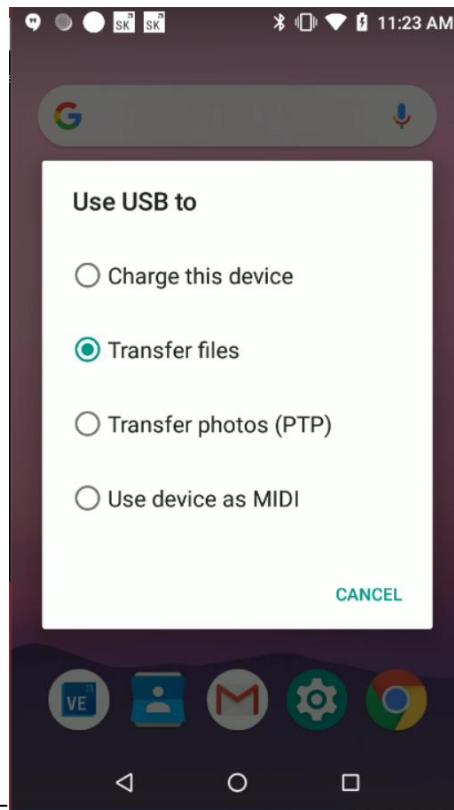- Velocity needs permissions for certain actions to work properly. Click 'Allow' for the three questions:

- When Velocity starts, click the Back button to return to the Android Home Screen:
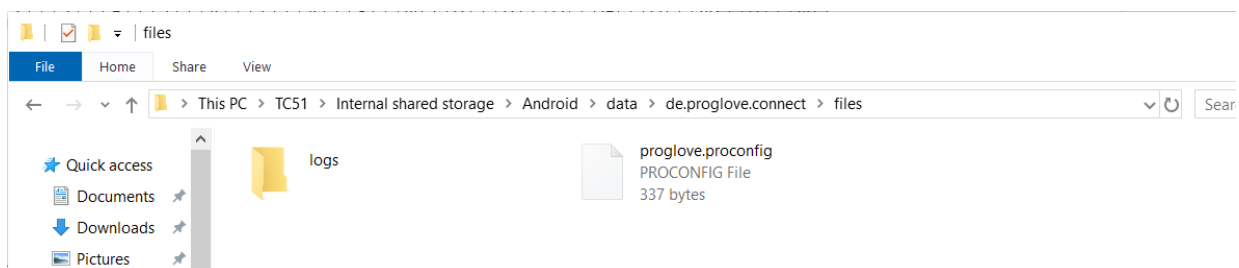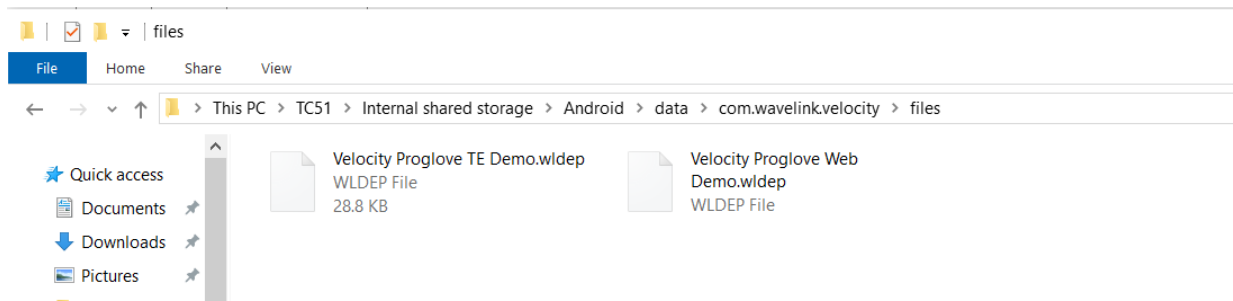

Copying the configuration files

Both Insight Mobile and Velocity create a folder to store configuration files the first time they are started. These files only become available when the mobile device is reconnected to your PC. Unplug and reconnect your mobile device and configure the USB connection for file transfer again:

Copy the file proglove.proconfig to the \Internal shared storage\Android\data\de.proglove.connect\files folder on the device. For some mobile devices, the internal storage is called SD Card. The path then is \SD Card\Android\data\de.proglove.connect\files:
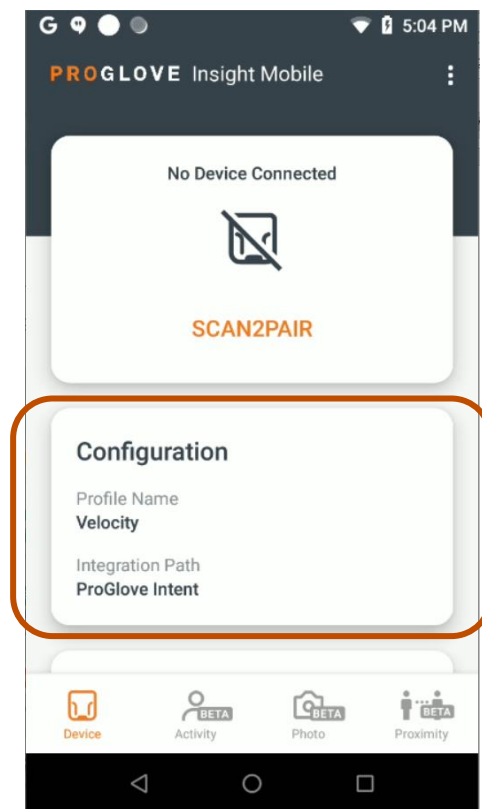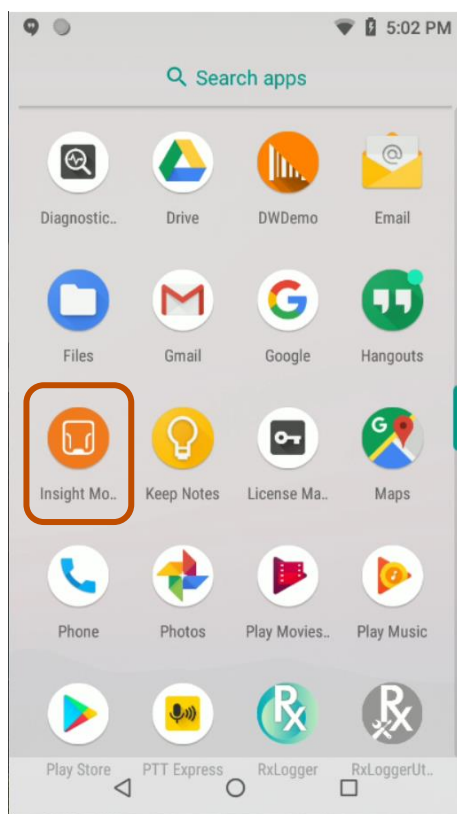

Copy the files Velocity Proglove TE Demo.wldep and Velocity Proglove Web Demo.wldep to the \Android\data\com.wavelink.velocity\files folder on the device:

Reboot the device.

From the Android Home Screen, start Insight Mobile. The configuration section mentions a Velocity profile, that is imported from the file proglove.proconfig:
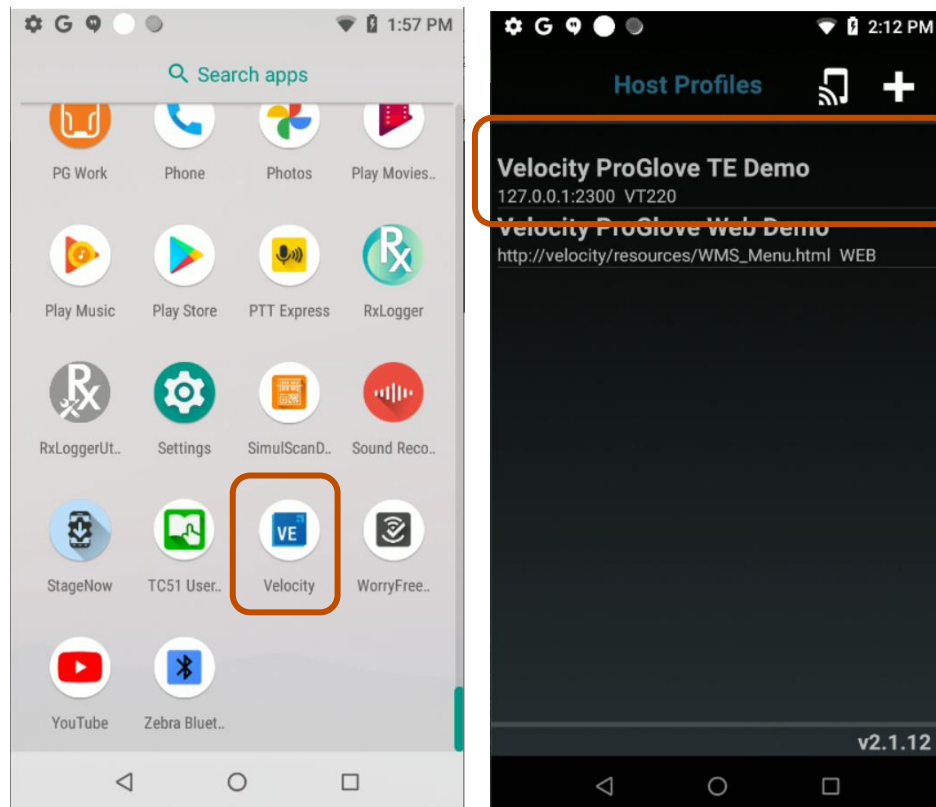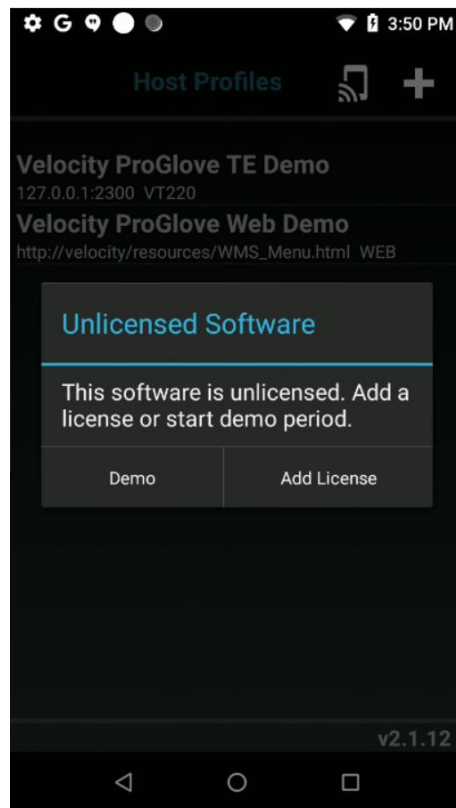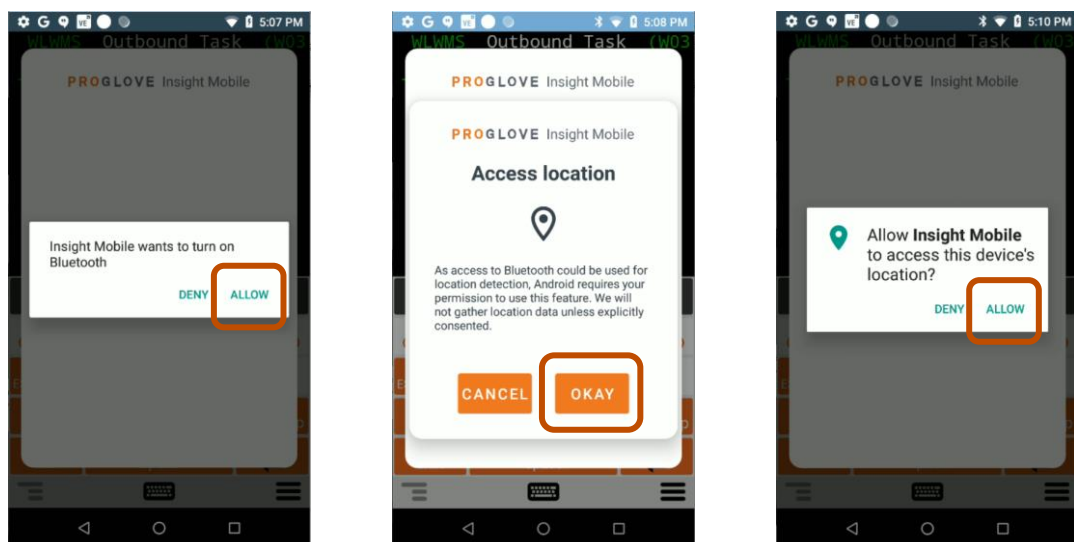
Telnet Demo

Start Velocity from the Android Home Screen, then tap Velocity ProGlove TE Demo:
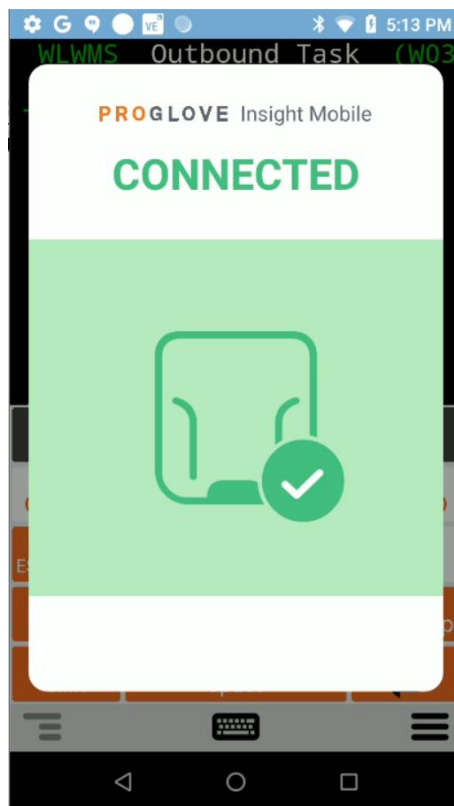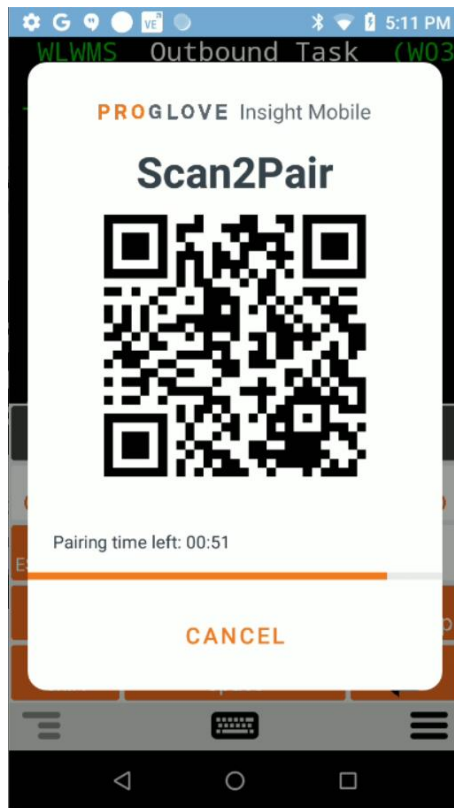

The first time Velocity starts it will ask to either start in Demo more or if you have a license. The Velocity is fully functional for thirty minutes in Demo mode before it will disconnect. If you have a license, you can click Add License and add the license details there:

At the start of the connection, Velocity will start the pairing process via the Insight Mobile app.

This, and location access, must be allowed once. After that, it will not be asked again:

Wake up the scanner by clicking the scan button and scan the pairing barcode to begin:

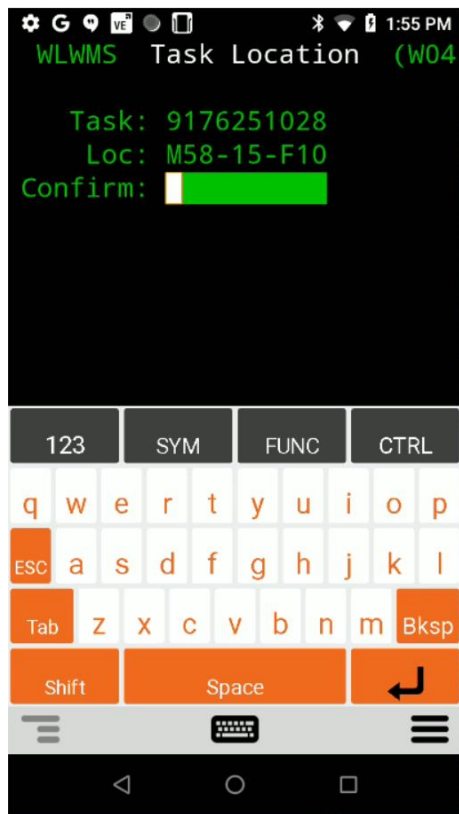13

SCAN PAIRING
BARCODE

CONNECTED

Telnet Demo shows how the user can perform a generic picking process by following the
instructions on the MARK display. The user should not need to use the mobile device, other
than for the exceptions in the process. Messages and audible feedback will guide you through
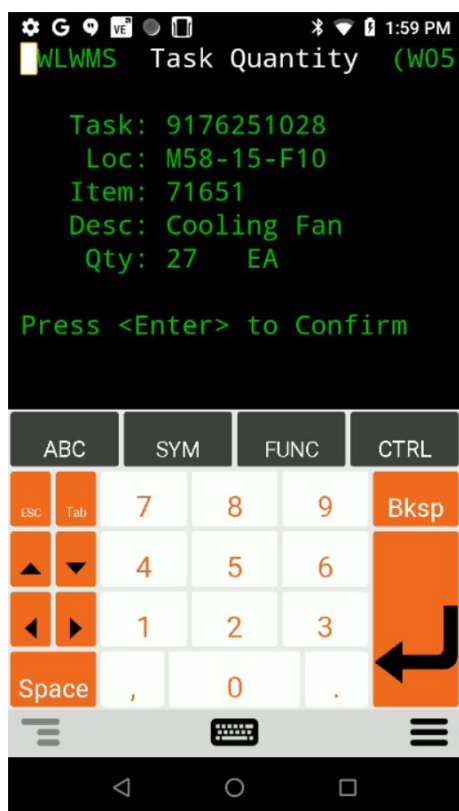
the process. If the Scan Task# message is not display directly, press the Back button once to start the process.

The barcodes for task number, locations and printer can be found at the end of this guide.

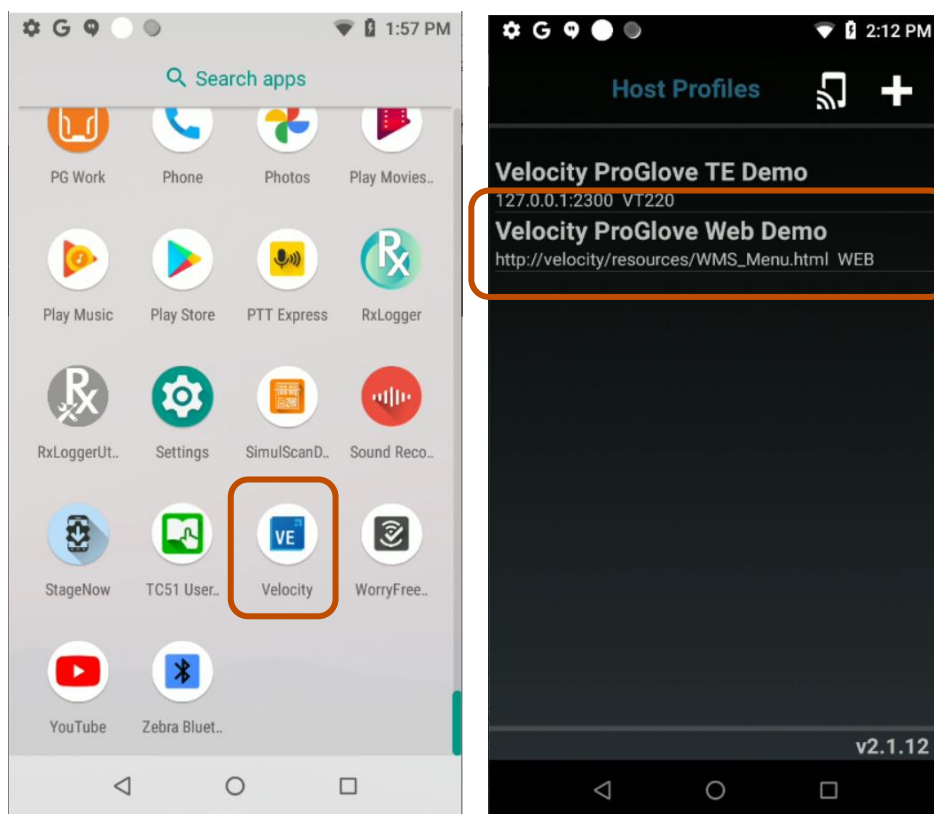Confirm the quantity by double clicking the scanner trigger of the MARK.

Browser demo

Start Velocity from the Android Home Screen, then tap Velocity ProGlove Web Demo:

The first time Velocity starts it will ask to either start in Demo more or if you have a license. The Velocity is fully functional for thirty minutes in Demo mode before it will disconnect. If you have a license, you can click Add License and add the license details there:

At the start of the connection, Velocity will start the pairing process via the Insight Mobile app.

This, and location access, must be allowed once. After that, it will not be asked again:

Wake up the scanner by clicking the scan button and scan the pairing barcode to begin:

The Browser Demo shows how the user can perform a generic picking process by following the instructions on the MARK display. The user should not need to use the mobile device, other than for the exceptions in the process. Messages and audible feedback will guide you through the process.

Choose option 1. Picking to start.

The barcodes for task number, locations and printer can be found at the end of this guide.

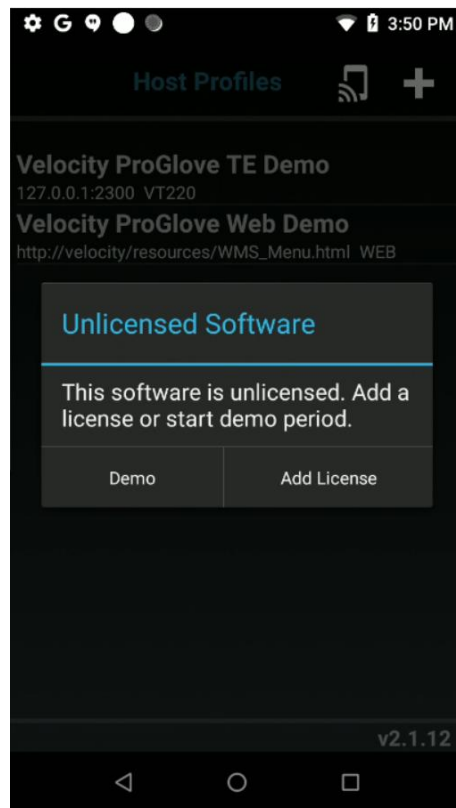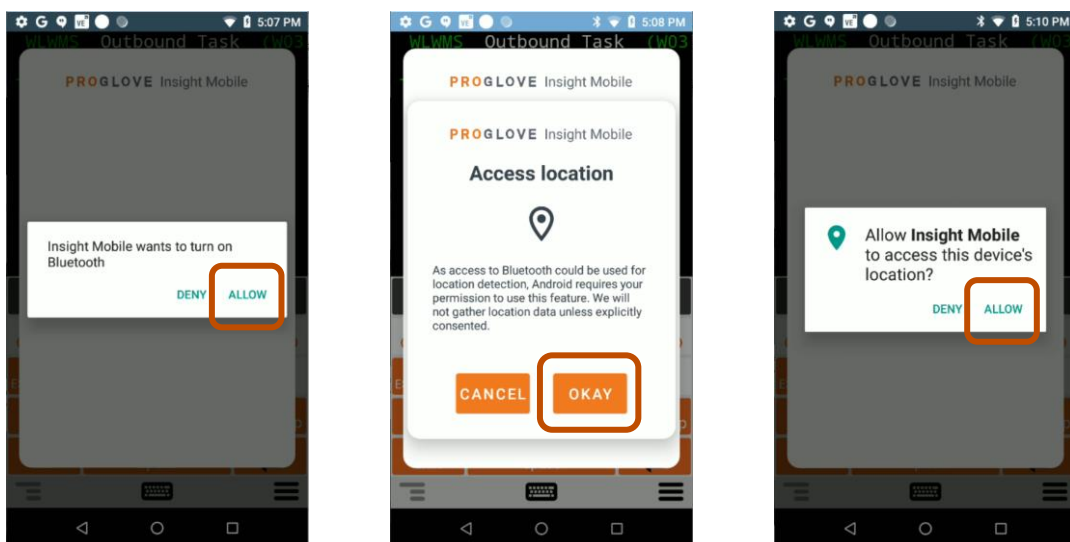Confirm the quantity by double clicking the scanner trigger of the MARK.

Picking Process Demo Barcodes

Task Number

9176251028

Location

M58-15-F10

F29-86-G14

S27-04-C86

B13-02-A19

Staging location

ST001

Printer

PRINTER1

ivanti | Wavelink

ACCELERATE DATA CAPTURE

Benefit from advanced control of device-specific barcode scanning parameters

PRESERVE HOST SYSTEMS

Get the latest mobile experience without changes to your enterprise systems

MAINTAIN USER EXPERIENCE

Preserve worker familiarity by easily porting web app

Ivanti Wavelink **helps organizations leverage modern mobile technology in the warehouse and across supply chain to accelerate productivity** without modifying WMS or backend systems. Industries around the world such as manufacturing, retail, hospitality, healthcare, warehousing and field force automation rely on Ivanti Wavelink's full portfolio of enterprise mobility, device management and voice-enablement solutions - improve productivity, speed operations, and save costs

PROGLOVE - *for a smarter workforce*

MORE EFFICIENCY

Operators can save up to 6 seconds per scan

BETTER ERGONOMICS

Hands-free scanning to streamline workflows

RETURN ON INVESTMENT

Efficiency gains using wearable scanners

The human workforce is at the core of what we do and we aspire to be the leader in industrial wearables and software to enable a smarter workflow.

ProGlove builds the **lightest, smallest and toughest wearable barcode scanners** in the world, connecting workers to actionable information. More than 500 renowned organizations in manufacturing, production, logistics, aerospace, and retail use these smarter workforce solutions. ProGlove was founded in December 2014 after winning the Intel "Make it Wearable"

Challenge in Silicon Valley and by 2020 was named a Technology Pioneer by the World Economic Forum. ProGlove employs 200 people from over 40 countries with offices in Munich, Chicago, and Belgrade.