Windows 10 IoT Software Services for
Retail

Application Scenario:
Semi-Outdoor Self-Service Kiosks

DS-580

Windows 10

- **Location:** urban outdoors
- **Product**: DS-580 digital signage player
- **Background:**
Located in public spaces where weather and security need to be considered, the outdoor service kiosk offers a new way to connect city locals and engage tourists via access to city services while displaying real-time information about local attractions, activities, and events.

Wi-Fi Receipt Printer Card Reader Camera Speaker

Touchscreen HDMI/USB DS-580 M.2 USB USB RJ45 Line-out

Window 10 IoT OS Applications

● Unified Write Filter
Unified Write Filter prevents physical storage media from write operation. After the clients finish all the OS setting of the kiosk and turn on UWF, the settings will be protected from modification by other users. In this way, the kiosk is safe when placed in public areas.

● Shell Launcher
Customers can use Shell Launcher to assign the application they would like to demonstrate on the kiosk. End users will directly see the application instead of Windows desktop whenever the kiosk reboots

ADVANTECH

Application Scenario:

Indoor Advertisement

DS-066

Windows 10

- **Location**: indoor retail, shopping malls
- **Product**: DS-066 digital signage player
- **Background:**
  Nowadays, indoor kiosks play important roles in retail, advertising new product features, store news, and the latest promotions.

Data Center

Display

Display

GbE/WiFi

HDMI   **HDMI**

DS-066

Window 10 IoT OS Applications

● USB Device Policy

If USB Device Policy is applied, USB storage access will be blocked when end users plug USB storage devices into the kiosk. This feature helps to enhance the security level when the kiosk is placed at a public area.

● Shell Launcher

Customers can use Shell Launcher to assign the application they would like to demonstrate on the kiosk. End users will directly see the application instead of Windows desktop whenever the kiosk reboots.

ADVANTECH

Application Scenario:

Information Systems

DS-082

Windows 10

- **Location** : indoor venues
- **Product** : DS-082 digital signage player
- **Background** :
  For superior customer experience, more and more venues use information systems to play entertaining video or notify visitors of upcoming events, show schedule, emergency exits or facility maps.

Display

Data Center

HDMI

DS-082

GbE/WiFi

Window 10 IoT OS Applications

● Unified Write Filter

Unified Write Filter prevents physical storage media from write operation. After the clients finish all the OS setting of the information system and turn on UWF, the settings will be protected from modification by other users. In this way, the device is safe when placed in public areas.

● Notification Settings

Clients may turn off the pop up messages by using Windows notification settings. Without being disturbed by notification messages, end users will enjoy better user experience while operating the information system.

ADVANTECH

Application Scenario:

Supermarket Self-Service Kiosks

UTK-752 ■■ Windows 10

- Epson/Starmicronics thermal printer
- Ingenico/Verifone payment module
- Alternative brand are accepted

- **Location**: supermarkets
- **Product**: UTK-752 tabletop kiosk
- **Background :**

  The self-service kiosk can bring many benefits for a supermarkets, such as:

  – Improving customer buying experience

  – Increasing customer base

  – Reducing cost

  – Gaining efficiency through diverse applications

  – Boosting job satisfaction

Window 10 IoT OS & API Applications

● **Shell Launcher**

Customers can use Shell Launcher to assign the application they would like to demonstrate on the kiosk. End users will directly see the application instead of Windows desktop whenever the kiosk reboots.

● **Watch Dog Timer**

Watch Dog Timer can be used to set a timer to instruct the kiosk to reboot automatically when it idles over a specific period. This function helps reduce the possibility that the kiosk unexpectedly shuts down when placed in a public area.

Application Scenario:

Fitness Center Check-In Systems

UTC-515 ⊞ Windows 10

UTC-P07-A0E

- User-friendly touchscreen
- Diverse peripherals options
- Easy installation with floor stand

- **Location**: indoor fitness centers/gyms
- **Product**: UTC-515 15.6" ubiquitous touch computer & UTC-P07 barcode reader
- **Background:**

In a gym or fitness center, it is convenient for members to use self-service kiosks to check-in when entering the facility.

Window 10 IoT OS Applications

● Shell Launcher

Customers can use Shell Launcher to assign the application they would like to demonstrate on the check-in system. End users will directly see the application instead of Windows desktop whenever the system reboots.

● Unified Write Filter

Unified Write Filter prevents physical storage media from write operation. After the clients finish all the OS setting of check-in system and turn on UWF, the settings will be protected from modification by other users. In this way, the system is safe when placed in public areas.