Epson® ePOS Solutions

How can you manage printing and peripherals for mobile and web-based POS systems? Epson makes it easy, with our game-changing ePOS-Print and ePOS-Device technology.

The new world of mobile POS

Mobile and web-based POS devices have revolutionized the traditional POS landscape, creating exciting, innovative opportunities for deployment. Mobile POS has rapidly become a new standard for retail, hospitality, healthcare and financial applications – wherever ease of use, flexibility, and cost savings are at a premium.

These new POS technologies create steep challenges, though: how can businesses manage wireless and wired printing and control all their POS peripherals in web-based and mobile environments?

- ISVs must typically support multiple operating systems for mobile and web-based POS systems.

- There are no widely adopted industry standards for connecting and controlling iOS and web-based POS peripherals such as scanners, card readers, pin pads, customer displays and other essential devices.

- System management and device setup are difficult, requiring separate drivers, interfaces and technical assistance.

Epson makes it easy with ePOS technology

Epson brings it all together, with innovative ePOS technology that provides an all-in-one solution for mobile and web-based printing and device management. Epson's ePOS print solutions (available on most Epson receipt printers) include:

- **ePOS-Print Technology**
  Allows you to manage all printing, in any environment (mobile, web/cloud-based and legacy)

- **ePOS-Device Technology**
  Enables Epson printers to serve as the connectivity hub for mobile and cloud/browser-based POS and peripherals

With Epson's revolutionary ePOS technology, the printer plays a central role in your mobile or web-based POS system – eliminating connectivity and printing hassles and providing an easy solution for mobile POS developers.

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Your Mobile Devices

Epson TM-Series
Ethernet Interface

Epson TM-Series
WiFi Interface
(802.11a/b/g/n)

Epson Mobile Printer
P20

Your Mobile Devices

Bluetooth

Epson TM-Series
Bluetooth Interface 2.1 + EDR
(Android, Windows)

Epson P20, P60II, P80
Bluetooth Interface
(Android, Windows)

Made for
iPod iPhone iPad

Epson MFi Series
w/iOS + Bluetooth Interface

P20, P60II, P80 & Epson TM Series

The ePOS-Print SDK allows mobile POS devices to print receipts using Ethernet/WiFi or Bluetooth on TM and mobile printers.

ePOS-PRINT TECHNOLOGY: THE RIGHT SOLUTION FOR ANY POS ENVIRONMENT

Epson's ePOS-Print SDK and API provides everything you need for perfect receipt printing every time in any POS environment, eliminating the need to develop for multiple devices and operating systems. ePOS-Print provides the ideal printing management system for:

- ■ Mobile POS (native iOS and Android)
- ■ Web-based POS (Windows, Linux, iOS, Android, and legacy operating systems)

Native App Printing with ePOS-Print SDK

Using Epson's ePOS-Print SDK, your POS applications can print directly to Epson receipt printers from Android and iOS devices. Available for most Epson receipt printers, the ePOS-Print SDK connects your mobile POS devices via Ethernet/WiFi or Bluetooth for seamless printing in any POS environment.

Web Browser Printing with ePOS-Print API

For web browser-based printing, the ePOS-Print API allows you to manage the POS printer command system using XML. There is no longer any need to develop for multiple operating systems and install printer drivers on multiple devices, since since ePOS-Print API provides a single solution for browser-based printing.

Data can be printed directly from Web browsers on personal computers, smart phones, or tablet computers to Epson's TM-Intelligent Series, WiFi-enabled printers. Print images rendered in HTML5 Canvas can also be printed.

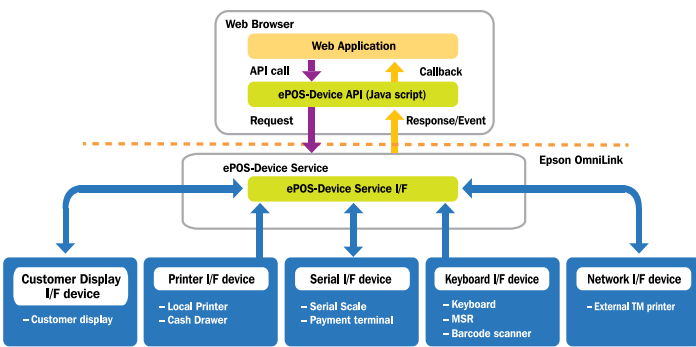ePOS-Print is available on all Epson TM-Intelligent series and mobile printers.

iPad   Android   Windows 8

Driver-less direct print by XML data at Web application

TM-Intelligent printer/mobile printer WiFi Interface

ePOS-Print Technology – API

Epson's ePOS-Print API is an all-in-one solution for printing from web browser-based applications.

ePOS-DEVICE TECHNOLOGY: ENABLING THE NEXT GENERATION OF POS

Epson's revolutionary ePOS-Device Technology takes connectivity to an entirely new level, with capabilities that go far beyond printing and transform the role of printers in a POS.

With ePOS-Device, Epson TM-Intelligent printers can serve as the connectivity hub for mobile and Web-based POS, providing a device hub and management system for all your wired POS peripheral devices: scanners, scales, pin pads, card readers, customer displays, kitchen displays and more. There is no need for separate drivers or interfaces for every device and every OS. ePOS-Device handles POS peripheral connectivity seamlessly, greatly simplifying POS application development. Epson's ePOS-Device is available on Epson TM-Intelligent DT series printers and WiFi-enabled printers.

ePOS-Device Technology – API

With Epson's ePOS-Device, TM-Intelligent printers can serve as the connectivity hub for mobile and browser-based POS systems.

Epson Mobile and Web-based POS Printer Solutions

		INTELLIGENT PRINTERS				DIRECT THERMAL RECEIPT PRINTERS				MOBILE PRINTERS		
		Cloud-Mid		Cloud-High	Mobile and PC-POS - Mid	Mobile and PC-POS - High	Entry	Mid	High	2 inch		3 inch
PRODUCT		TM-Intelligent TM-T82II-i	TM-Intelligent TM-T70-i	TM-Intelligent T88V-i	TM-Intelligent TM-T70II-DT	TM-Intelligent TM-T88V-DT	TM-T82II	TM-T70II	TM-T88V	P20	P60II	P80
FOR NATIVE APP	ePOS-Print SDK for iOS						✓	✓	✓[1]	✓[1]	✓[1]	✓[1]
	ePOS-Print SDK for Android						✓	✓	✓	✓	✓	✓
FOR WEB APP	ePOS-Print API/XML	✓	✓	✓			✓[3]	✓[3]	✓[2]	✓[2]	✓[2]	
	ePOS-Device API/XML				✓	✓						

1. MF: model is available for Bluetooth connection   2. Only available with WiFi model   3. Only available with UB-R04 interface

Already have Epson printers?

Upgrading your existing Epson printers for mobile applications is easy. Just add the Epson™ interface of your choice and you're ready to go!

Epson Ethernet Interface

- Uses standard TCP/IP Protocol
- Features speeds of up to 100 Mbps
- Field programmable firmware
- Fast and easy installation and configuration

Epson 802.11 a/b/g/n Wireless Interface

- Remote printing at distances up to 328 feet
- Dual frequency band of 2.4 GHz/5 GHz
- Secure WiFi Protected Access (WPA2) and EAP-TLS
- ePOS-Print API Ready

Epson is the right choice, *every time*

Epson delivers unmatched ease of use, exceptional connectivity and legendary Epson quality for ISVs and resellers, with all the technical resources you need.

- **Epson makes it easy.**

  Epson has all the resources you need—drivers, interfaces, printers and software—for every POS operating system and device. Epson makes it easy to connect and control peripherals.

- **We're more than a printer company.**

  Epson provides unsurpassed technical resources that differentiate us from the competition, with hardware and software that make Epson the right choice, every time.

- **We're providing a fresh vision for POS.**

  With our innovative ePOS Solutions, Epson is delivering a fresh vision for POS, with breakthrough innovations that simplify connectivity and device management, while opening up exciting new possibilities for POS expansion.

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