

USPOS v3.0-b1

Preliminary
Software Overview

Revision 3 - 12/08/09

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BETA DEVELOPMENT SCHEDULE

- December 1st, 2009
 - Public release of USPOS 3.0-b1
 - Introduction of the 25% off beta testing discount
- January 3rd, 2010
 - Public release of the beta version of the USPOS auto-installer
 - Public release of the self-key system via website
 - Public release of the auto-updating via internet system
- February 1st, 2010
 - Public release of the auto-installer for the then current version of USPOS beta
- April 1st, 2010
 - Final public beta release, will only be updated if any bugs are found
 - End of 25% off beta testing discount
- May 1st, 2010
 - Full public release of the USPOS suite of software version 3.0

USPOS version 3.0 will be the first public, commercially available release of the USPOS software suite. The scheduled release date for USPOS version 3.0 is May 1st, 2010. Future revisions will be auto-updated as they are released, with no current release schedule planned. Revisions will be released on an as-needed basis.

All sales of software before February 1st, 2010 will require on-site installation and setup while the development team finalizes the auto-installer system. The software also requires online registration that creates a unique key for each POS terminal via a web site. This “key” updates the Windows registry with the business name and a few other security features to prevent software piracy. This system will be online by January 3rd 2010.

While moving forward with the Beta releases of USPOS 3.0 we expect to have minor bugs and issues arise while in a production environment. To encourage early sales of USPOS and to further promote the beta testing process, all purchases of the USPOS software between December 1st, 2009 and April 1st, 2010 will be 25% off regular retail prices as outlined in this document. This discount applies to the cost of the software ONLY.

After the release of USPOS 3.0 all members of the beta test phase will be automatically upgraded to the full release of USPOS 3.0.

TECHNICAL DETAILS

Introduction

The USPOS suite of software comes with two components – The Server component and the POS Terminal component. Both components are designed to work under any version of Microsoft Windows from Windows XP forward. Both 32-bit and 64-bit versions are completely supported. USPOS carries the same hardware requirements as the operating system it is installed under. The server component can be used on any *nix operating system as well, but currently requires manual installation.

The Server component

The Server component consists of the USPOS Administration software that is powered by a web-based backend of Apache 2.2.12, MySQL 5.1.37 and PHP 5.3.0. These are freely available software packages under various Open Source licenses. Please see the End User License Agreement for full copyright details. These open source programs are supplied free of charge for your convenience.

The Windows installer for the USPOS Server will install all of the required components and pre-configure them for your use. The installer currently asks three questions for the default installation process. The user needs to select which drive to install on (defaults to the “C” drive) and enter their desired administrator user name and password. The typical installation time is less than 3 minutes and provides the user with all the details they must note for proper setup of the POS terminals. The USPOS Administrator will not function until at least one instance of the USPOS Terminal has been configured and connected to the server.

The computer running the Server Component also runs the third-party credit card processing software, if used, for paperless credit card processing. This software needs to be installed by the end user according to the installation instructions provided by the credit card processing company and VyReN, LLC.

The USPOS Administrator is available via any web browser (FireFox 3.5.5+ recommended) by entering the computer name or IP address of the computer acting as the server followed by “/admin” in the address bar. Example: “TheServer/admin” or “192.168.1.2/admin”

The local computer name (“TheServer” above) is given to the user at the time of install for easier access from another computer on the network, along with a few settings to note for use with the POS Terminal installation process.

For the USPOS Administrator to be available via the internet, custom network configuration must take place to allow access from the internet to the server. Typically putting the server into the DMZ or setting up port-forwarding for port 80 from the router to the server is all that is required. If a static IP is not available, it is suggested to use a Dynamic DNS Service to easily have access to the server.

Advanced setup options are available such as a non-standard web port and establishing a domain name for use by the server.

The USPOS Administrator gives two levels of access: Cashiers and Managers. Cashiers can add/remove/edit manufacturer information and product's information from the system. Managers can also lookup transactions, view/print daily, monthly or yearly reports, import new and update existing products via CSV import, add/edit/remove cashiers and more.

The POS Terminal component

The POS Terminal component is one program that controls all functions of the POS Terminal. The Windows installer for the POS Terminal will install all required shared files and create entries in the start menu for the USPOS Terminal.

[Additional details on the Windows Installer process are needed here]

[Much like the server setup, only a few, basic questions are asked]

The first time the POS Terminal software is run, you will be prompted to complete the configuration. Simple configuration settings need to be made, such as what will be displayed on the register receipt, the name of the company and terminal number. The user is also prompted to enter a few small details supplied during the server setup.

[Need details on the internet self-key system to activate the software]

The USPOS Terminal handles all sales transactions, produces daily reports and functions as an employee time clock.

The USPOS Terminal can use several brands of hardware (Except for the electronic signature pad), but does have some general requirements. For 100% guaranteed compatibility, always use the recommended hardware.

Point of Sale Hardware Requirements

- Receipt Printer
 - Recommended hardware: Epson TM-88IV thermal receipt printer
 - Any Epson EPOS compatible receipt printer with NVRAM logo capabilities
 - Printer **MUST BE** connected to the computer via a Parallel port **NOT** USB
 - This limitation is scheduled to be removed during the version 3.0 life-cycle
- Cash Drawer
 - Any Epson EPOS compatible cash drawer is compatible
 - USPOS currently does not feature “drawer open sensor” functionality, but may in the future. A cash drawer with this feature can be used, it just won't be utilized.

- The system sends the drawer open pulse on the first terminal (T1).
- Programmable POS Keyboard
 - Any programmable keyboard is compatible, either PS/2 or USB
 - USPOS uses the F1 through F16 keys, as well as A through Z and several others to interface with the keyboard.
 - A keyboard with at least 25 programmable keys is suggested.
- Magnetic Stripe Reader
 - Recommended to be built-in on the keyboard, if one will be used.
 - Any PS/2 or USB reader is acceptable
 - All output from the MSR should have [insert required preamble, line terminators, etc]
- Barcode Scanner
 - Any PS/2 or USB barcode scanner is compatible
 - An auto-sensing laser barcode scanner is HIGHLY recommended.
 - All output from the scanner should have a preamble of “X” and post-amble of “<CR>”
- Electronic Signature Pad
 - Recommended hardware: [to be updated]
 - Only Hand Held Products signature capture terminals are supported
 - Models [to be updated right before final beta release]
 - Serial or USB connections are compatible

USPOS SOFTWARE FEATURES BY VERSION

	Basic	Pro	Premiere	Complete	Addons
Time Clock Functionality with QuickBooks exportability	X	X	X	X	
Daily Sales exportable to QuickBooks	X	X	X	X	
Web-based backend for worldwide access	X	X	X	X	
Unlimited cashiers/users	X	X	X	X	
Auto-updating – New releases are "pushed" to the end user and automatically updated, ZERO end-user intervention required	X	X	X	X	
Redundant databases – Supports up to two independent databases with auto-fallover on failure	X	X	X	X	
Frontend software is based on the Samsung line of cash registers – migration requires minimal training	X	X	X	X	
Supports up to 999 registers per location, unlimited locations ("Chain store" functionality, allows a home office to control pricing real-time across all locations)	X	X	X	X	
Quantity discounts	X	X	X	X	
Up to 50 Units of Measure	X	X	X	X	
Up to 16 different "Departments" for sales tracking	X	X	X	X	
Paid from/to account	X	X	X	X	
CSV import for new items/price changes	X	X	X	X	
Tiny footprint – Front end uses 2.5MB, backend uses 2MB (Plus database size)	X	X	X	X	
Frontend requirements: Win98SE+, 1Ghz processor, 512MB memory	X	X	X	X	
Internal gift card system with ability to check balance online		X	X	X	\$299.00
Complete inventory system		X	X	X	\$299.00
Auto creation of shelf tags via up to 5 different label printers		X	X	X	\$299.00
Auto creation of 8.5x11 signage			X	X	\$399.00
Paperless credit card processing over IP via First Data Payment Processing for full PCI compliance (Verifone PCCharge compatability coming soon)			X	X	\$999.00
OSC-based online store compatibility for updating/adding products/prices realtime				X	\$599.00
	\$899.00	\$1,399.00	\$2,399.00	\$2,799.00	
	Basic	Pro	Premiere	Complete	

[Full Feature List Is A Work In Progress]

SOFTWARE PRICING

USPOS Basic

- Includes server software and register software for one PC (One PC as the register, one PC as the server or both on one machine)
- Features:
 - Time clock functionality with Intuit QuickBooks exportability
 - Daily sales are exportable to Intuit QuickBooks
 - Web-based backend for worldwide access
 - Unlimited cashiers/users
 - Auto-updates (Internet connection required)
 - Supports up to 999 registers per location, unlimited locations
 - Quantity discounts
 - Up to 50 Units of Measure
 - Up to 16 different "Departments" for sales tracking
 - Paid from/to account
 - CSV import for new items/price changes
- On-site installation & training IN SOUTHEASTERN WISCONSIN is available for \$299
- \$899.00

USPOS Professional

- Everything USPOS Basic features plus
 - Inventory system
 - Auto generation of shelf tags
 - Includes one custom designed template
 - Gift Card System
- On-site installation & training IN SOUTHEASTERN WISCONSIN is available for \$299
- \$1,399.00

USPOS Premiere

- Everything USPOS Professional features plus
 - Paperless Credit Card processing
 - Includes PCI compliant third-party software license
 - Over IP and/or telephone line
 - Auto generation of signage
 - Includes one custom designed template
- On-site installation & training IN SOUTHEASTERN WISCONSIN is included!
- \$2,399.00

USPOS Complete

- Everything USPOS Premiere features plus
 - Online Store integration
- On-site installation & training IN SOUTHEASTERN WISCONSIN is included!
- \$2,799.00

À La Carte Addons

- Can be added to any package as a one-time fee
- Paperless Credit Card processing
 - Includes PCI compliant third-party software license
 - \$999.00
- Gift Card system
 - \$299.00
- Inventory system
 - \$299.00
- Online Store integration
 - Includes all setup time/fees
 - \$599.00
- Auto generation of shelf tags/labels
 - Includes one custom template
 - \$299.00
- Auto generation of signage
 - Includes one custom template
 - \$399.00

All Software Pricing Includes

- Licensing for one physical location
 - Additional POS software licenses for the SAME physical location are available
 - When ordering 1 to 4 additional POS licenses
 - \$599.00 each
 - When ordering 5 to 9 additional POS licenses
 - \$499.00 each
 - When ordering 10+ additional POS licenses
 - \$459.00 each
- Free updates until the next major version
 - Example: version 3.0-3.999 is covered
- Includes two hours of telephone/remote desktop support
- Additional support available starting at \$99.00 per hour, bulk contracted discounts available

HARDWARE PRICING

- 2.5GhZ x2 CPU, 1GB DDR2-800, 250GB HDD, CD/DVD-RW, Windows 7 64-bit, 17” LCD Monitor, Slim Desktop Computer
 - Server version comes without monitor, adds additional 250GB hard drive for mirrored RAID array
 - \$499.00
- Thermal Receipt Printer
 - \$349.00
- Laser Barcode Scanner
 - \$199.00
- Cash Drawer
 - \$149.00
- POS Keyboard/Mousepad/3-track MSR
 - \$199.00
- Signature Pad
 - \$299.00
- Dymo Thermal Label Printer
 - \$149.00

[Need to give specific make/model information on all hardware]

SOFTWARE & HARDWARE BUNDLES

USPOS Basic Bundle

- USPOS Basic POS software
- Slim Desktop Computer System
 - 2.5Ghz dual-core CPU
 - 1GB memory
 - 250GB hard drive
 - CD/DVD-RW drive
 - Windows 7 64-bit
 - 17" LCD Monitor
 - FireFox & USPOS Basic pre-installed and configured
- Thermal Receipt Printer
- Laser Barcode Scanner
- Cash Drawer
- POS Keyboard/Mousepad
- On-site installation & training IN SOUTHEASTERN WISCONSIN available for \$199

Special Bundle Pricing: \$2,299 for the 1st system, \$1,899 for each additional system

USPOS Professional Bundle

- USPOS Professional POS software
- Slim Desktop Computer System
 - 2.5Ghz dual-core CPU
 - 1GB memory
 - 250GB hard drive
 - CD/DVD-RW drive
 - Windows 7 64-bit
 - 17" LCD Monitor
 - FireFox & USPOS Professional pre-installed and configured
- Thermal Receipt Printer
- Laser Barcode Scanner
- Cash Drawer
- POS Keyboard/Mousepad/3-track MSR
- Dymo Thermal Label Printer (Only for the 1st system)
- On-site installation & training IN SOUTHEASTERN WISCONSIN available for \$199

Special Bundle Pricing: \$2,799 for the 1st system, \$1,899 for each additional system

USPOS Premiere Bundle

- USPOS Premiere POS software
- Slim Desktop Computer System
 - 2.5Ghz dual-core CPU
 - 1GB memory
 - 250GB hard drive
 - CD/DVD-RW drive
 - Windows 7 64-bit
 - 17" LCD Monitor
 - FireFox & USPOS Premiere pre-installed and configured
- Thermal Receipt Printer
- Laser Barcode Scanner
- Cash Drawer
- POS Keyboard/Mousepad/3-track MSR
- Dymo Thermal Label Printer (Only for the 1st system)
- Signature Pad
- On-site installation & training IN SOUTHEASTERN WISCONSIN is included!

Special Bundle Pricing: \$3,999 for the 1st system, \$2,199 for each additional system

USPOS Complete Bundle

- USPOS Complete POS software
- Slim Desktop Computer System
 - 2.5Ghz dual-core CPU
 - 1GB memory
 - 250GB hard drive
 - CD/DVD-RW drive
 - Windows 7 64-bit
 - 17" LCD Monitor
 - FireFox & USPOS Complete pre-installed and configured
- Thermal Receipt Printer
- Laser Barcode Scanner
- Cash Drawer
- POS Keyboard/Mousepad/3-track MSR
- Dymo Thermal Label Printer (Only for the 1st system)
- Signature Pad
- On-site installation & training IN SOUTHEASTERN WISCONSIN is included!

Special Bundle Pricing: \$4,399 for the 1st system, \$2,199 for each additional system