

Product Bulletin

Mobile Computing Package for ISS45

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StoreNext Retail Technologies LLC is very pleased to offer our latest Mobile Computing packages for ISS45. The new packages include the fast Fujitsu TeamPad 7510 and Cisco 801.11b 11Mb RF networks at dramatically lower prices. ISS45 Mobile Computing marks another industry "first" – the first fully functional Mobile PoS Office. *Everything you can do in the office, you can do in the aisles.*

The benefits of Mobile Computing have become clear to the Retail community, and the reason is simple. Just remember: the information you need for the job is in the computer, but...the job for which you need that information is someplace else out in the store.

This is the reason, of course, for the history of carts in the aisles with fan-fold printouts, clipboards with 175 sheets of notes, etc. etc. etc. But why not just *have* all the information right with you on-line? With the ISS45 Mobile Computing package, staff can just take the lightweight thin client out to the aisles and have all the data and functions they would have if they were in sitting in front of a system PC.

The centerpiece of the ISS45 Mobile Computing package is the superb TeamPad 7500 series, including the new high-performance 7510 running with Cisco 802.11b 11Mb RF networks. These very light, very tough handheld thin-client PCs from Fujitsu offer a fast, bright full-color screen that shows the whole screen, making it fast and easy to operate. Running on Windows CE and using a radio frequency link, the TeamPad 7500/7510 controls an ISS45 office session running on one of the ISS45 controllers – without interfering with the operation of the store or other operations at the controllers.



There are several items required to make this configuration install and operate properly. As usual, we have packaged everything so you will have everything you need, but with the options available as befitting an "open systems" philosophy. See the pages following for the configurations and explanations for each.

In addition, the Santa Clara ISS45 Team has put together an excellent Installation Guide with step-by-step configuration and installation instructions to ensure that you don't waste any time going down blind alleys and you will be able to make everything play the first time through. This Installation Guide is provided on the CD-ROM (see below) and the always-current edition is on the ISS45 Web Site. This manual has now been updated with installation instructions for mounting the peripheral scanner.

Every one of your installed ISS45 sites out there will have benefits from this great new system – so we'll all win together in the new world of Mobile Computing.

To Your Success,

Tony

Antony van Schoenter

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ISS45 MOBILE COMPUTING PACKAGES

The ISS45 Mobile Computing *Start-Up Kit* (45MOB/001) below includes all the items necessary¹ to configure and install as well as operate the ISS45 Mobile Computing solution. The ISS45 Mobile Computing *Packages* (45MOB/002) leaves out the flash card, cable and CD-ROM – these items are for installation only and not required for operation by users.

ISS45 RETAIL *partners* will enjoy a 40% discount on all the items below.

PIN	Item	Price	Inst	Maint ²
45MOB/001	<p>ISS45 Mobile Computing Dealer Start-Up Kit</p> <p>Includes TeamPad 7510, battery and charging cradle and Comlan client license (PBT7599-07CL), Cisco 350 Series 802.11b RF Access Point (AIR-AP352E2C), and 802.11b RF LAN PCMCIA card. (AIR-LMC352), and Comlan server license (45MOB/003), Flash card (SDP3B-064-101), Serial Cable (PB000057), Comlan server license (45MOB/003) and Software CD-ROM (89000078).</p>	4,695	500	650
45MOB/011	<p>ISS45 7510 Mobile Computing Package</p> <p>Includes TeamPad 7510, battery and charging cradle and Comlan client license (PBT7599-07CL), Cisco 350 Series 802.11b RF Access Point (AIR-AP352E2C), and 802.11b RF LAN PCMCIA card. (AIR-LMC352), and Comlan server license (45MOB/003).</p>	4,595	500	650
45MOB/002	<p>ISS45 7500 Mobile Computing Package</p> <p>Includes TeamPad 7500, battery and charging cradle and Comlan client license (PBT7599-05CL), Symbol Technologies Spectrum24 802.11 RF Access Point (AP-3021-500-US), Access Point Antenna (ML-2499HPA1-00), Access Point Power Supply (50-24000-006), Access Point Power Cord (23844-00-00) and Symbol Spectrum 24 802.11 RF LAN PCMCIA card. (LA-3021-500-US), and Comlan server license (45MOB/003).</p>	5,395	500	650

ISS45 RETAIL *partners* will enjoy a 40% discount on the above packages.

¹ The PC Server and Windows 2000 Server/Terminal Server are not included. See the Operating System section at the end of this document. Also, TeamPad peripherals such as the scanner or belt-mounted printer are not included.

² These prices represent recommended Dealer maintenance pricing, and do not necessarily reflect prices for maintenance by Fujitsu Transaction Solutions, Inc.

CONFIGURATION AND PRICING — LINE ITEMS AND SUB-KITS

You can put your own systems together if you desire — here are the component configurations and how they operate in the overall solution.

First, you need the TeamPad 7500/7510 kit: If you are going to use the TeamPad with a peripheral scanner or printer, order the -CL versions with the COMLAN client included. If you need 802.11b (11Mb) and the highest performance, order the 7510, while the 7500 is used with an 802.11 (2Mb) RF network.

PIN	Item	Price	Inst	Maint ¹
PBT7599-01	TeamPad 7500 Package — includes TeamPad 7500, battery and battery charging cradle.	\$ 2,895	N/A	\$ 335
PBT7599-03	TeamPad 7510 Package — includes TeamPad 7510, battery and battery charging cradle.	\$ 3,775	N/A	\$ 395
PBT7599-05CL	TeamPad 7500 Comlan Package — includes TeamPad 7500, battery and battery charging cradle and Comlan client license.	\$ 2,915	N/A	\$ 335
PBT7599-07CL	TeamPad 7510 Comlan Package — includes TeamPad 7510, battery and battery charging cradle and Comlan client license.	\$ 3,795	N/A	\$ 395

ISS45 RETAIL *partners* will enjoy a 40% discount on the above kits.

TeamPad 7500/7510 Options:

PIN	Item	Price	Inst	Maint ³
45MOB/004	Additional Battery/Dual Charger Kit — Includes one (1) additional Battery Pack (PBT7531-05) and one (1) Dual Battery Pack Charger w/ AC cord (PBT7531-03) for TeamPad 7500.	\$ 539	N/A	N/A
45MOB/003	COMLAN Transporter Server License — This optional license is not required unless you want to use a peripheral printer or scanner on the TeamPad 7500. The peripheral printer or scanner will not operate without this software on the server and the client software on the TeamPad. (PBT7561-25).	120	N/A	N/A
PBT7X51-03	Handheld Scanner, QS6000 WE/TTL w/Hirose Connector. Requires COMLAN license.	410	N/A	85
PBT7X51-04	Handheld Scanner, QS6000 WE/TTL w/Hirose Connector and Stand. Requires COMLAN license.	465	N/A	85
MF4T	Belt-Mounted Printer package. Includes 4T printer (200115-000), Battery 4t & 4i (550030-000), AC Adapter (490008-003) and Cable, MF4t to TP500 (90000491). Requires COMLAN license.	1,640	N/A	N/A
740023-200	Thermal Roll Paper for 4T printer (consumable item)	4 140	N/A	N/A

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PIN	Item	Price	Inst	Maint ³
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ISS45 RETAIL *partners* will enjoy a 40% discount on the above items with the exception of the Roll Paper/Consumable items as noted.

Next you need the RF Components: the Access Point/Base Station and the RF card that goes into TeamPad 7500/7510 PCMCIA slot. Use the Cisco 802.11b 11Mb access point and PCMCIA card for the 7510, and the Symbol Spectrum 24 2Mb components for the 7500.

PIN	Item	Price	Inst	Maint ²
AIR-AP352E2C	Cisco 350 Series 802.11b 11 Mb Access Point Kit — contains base station/access point, Antenna, Power Supply, AC Cord (AIR-AP352E2C). For TeamPad 7510.	\$ 2,845	N/A	\$ 250
AIR-LMC352	Cisco 350 Series 802.11b 11 Mbps RF LAN Card — this is the PCMCIA card that goes into the TeamPad's PCMCIA slot. The TeamPad 7510 has a built-in antenna, so additional antennas and client bridges are not required (AIR-LMC352). For TeamPad 7510.	495	N/A	N/A
45MOB/005	Symbol Spectrum24 802.11 2 Mb Access Point Kit — contains base station/access point (AP-3021-500-US), Antenna (ML-2499HPA1-00), Power Supply (50-24000-006), AC Cord (23844-00-00). For TeamPad 7500.	\$ 2,085	N/A	\$ 250
45MOB/010	Symbol Spectrum 24 802.11 2 Mb RF LAN — this is the PCMCIA card that goes into the TeamPad's PCMCIA slot. The TeamPad 7500 has a built-in antenna, so additional antennas and client bridges are not required (LA-3021-500-US). For TeamPad 7500.	495	N/A	N/A

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System and installation tools: these are required to make everything work:

PIN	Item	Price	Inst	Maint ²
SDP3B-064-101	64MB flash disk memory card/for PCMCIA slot — to transfer the drivers into the TeamPad for the RF LAN, you need a PCMCIA memory card. You use a Laptop to copy the files onto the PCMCIA flash memory card, and then plug the card into the TeamPad's PCMCIA slot to transfer them over. (SDP3B-064-101)	\$ 99	N/A	N/A

⁴ Roll paper and batteries are non-discountable consumable items.

PIN	Item	Price	Inst	Maint ²
PB000057	Serial cable — used to load setup information from ISS45 to the Access Point. This is essentially a null modem cable, but you probably understand that there are many null modem pin-outs — the one in this cable works, which will save you hours of amusing trial and error with breakout boxes and gender-changers. (PB000057)	65	N/A	N/A
89000078	ISS4545 Mobile Computing CD-ROM — providing all the required software to run the TeamPad 7500/ISS4545 Mobile Computing system. This includes three PDP files for the TeamPad, Access Point driver software for the Symbol Technologies Access Point, Documentation for the Symbol Spectrum system from Symbol (not supplied otherwise with Symbol's products) and the ISS4545 Mobile Computing Installation Guide specifically for this set of components. All these documents are also on the ISS4545 Web Site, but they are offered on this CD-ROM for your convenience. (89000078)	50	N/A	N/A

ISS45 RETAIL *partners* will enjoy a 40% discount on the above items.

Pieces and Parts:

PIN	Item	Price	Inst	Maint ⁵
PBT7531-05	Additional Battery Pack (PBT7531-05) (consumable item)	⁴ \$ 103	N/A	N/A
PBT7531-03	Dual Battery Charger w/ AC cord — this charger can recharge two batteries at once. Use this to charge batteries while the TeamPad 7500/7510 is in use. (PBT7531-03)	385	N/A	N/A
45MOB/006	Symbol Spectrum24 802.11 Access Point — this unit provides the fundamental “base station” for the RF system. This unit together with the rest of the RF configuration will typically provide 200-300 (or more) feet of excellent linear reception. (AP-3021-500-US). Requires Antenna, Access Point Power Supply and Access Point AC cord below.	1,875	N/A	\$ 250
45MOB/007	Antenna — for the AP-3021-500-US Access Point above. Normally, one is required for a typical store with the 200-300 ft. range quoted above, but special circumstances may warrant a second antenna in a dual-antenna configuration. Be careful — if one antenna is sufficient, use of two antennas will actually degrade performance due to signal-bounce in a spread-spectrum environment. (ML-2499HPA1-00)	95	N/A	N/A

⁵ These prices represent recommended Dealer maintenance pricing, and do not necessarily reflect prices for maintenance by Fujitsu Transaction Solutions, Inc.

PIN	Item	Price	Inst	Maint ⁵
45MOB/008	Access Point Power Supply — required for AP-3021-500-US above. (50-24000-006)	95	N/A	N/A
45MOB/009	Access Point AC Cord — required for AP-3021-500-US above. (23844-00-00)	20	N/A	N/A

ISS45 RETAIL *partners* will enjoy a 40% discount on the above components with the exception of the Battery Pack, which is a non-discountable consumable item.

Operating Systems:

The ISS45 Mobile Computing solution will operate on Windows 2000 Server using Windows 2000's Terminal Server. Unlike Windows NT, Windows 2000 Server includes Terminal Services. Unfortunately, you have to purchase the more expensive Server edition of Windows 2000 — Windows 2000 Professional does not support Terminal Services

So what do you use?

- For ISS45 7.7 and 8.4, Windows 2000 is a validated platform. Use it.
- For ISS45 7.6 or Versions 8.2 or 8.3, Windows 2000 is not a validated platform. The ISS45 system needs to be upgraded to a Windows 2000-certified release.

Regarding Client Access Licenses, Windows 2000 Server's Terminal Services module allows two Client Access points without additional licenses after a 90-day grace period.⁶ Since the ISS45 application on MFS1 or MFS2 will support one session each (ISS45 does not support multiple sessions from the same server) you won't need to purchase CALs for Mobile Computing purposes.

⁶ I asked Bernard to explain this Microsoft practice to me, but he just left the following cryptic message on my machine. Maybe *you* can make something of it:

*You want Client License? I'll tell you the drill,
It's 2-fer then 90, then buy one you will,
No something for nothing — not much of a thrill,
But that's all you get when you're buying from Bill.*

*It says "Win 2000" but really you lose,
Since anything "2K" is so way-old news,
Already /02 now, so I'm gonna choose,
To run away fast in my Jimmy Choo shoes.*