

Headline **New version of IBM 4690 OS improves security, memory and connectivity**

Copy Building on a well-known heritage of advanced functionality and outstanding reliability, the IBM 4690 Operating System Version 4 continues to provide a secure, reliable, and easy-to-manage platform for advanced software from IBM Business Partners serving the retail industry. Version 4 is highly scalable, working equally well in stores of many different sizes and segments. It also enables your retail customers to run point-of-sale (POS) and other software side-by-side on a variety of hardware. This creates a single, convenient access point for POS, back-office and e-business applications, and empowers your customers' in-store teams to improve productivity and service. Brand new features in Version 4 include:

- **Stronger security.** Version 4 improves network security with enhanced logging of system access attempts, console and FTP lockout (after incorrect sign-on attempts) and Lightweight Directory Access Protocol (LDAP) support for controller console sign-on.
- **More disk access.** Version 4 supports hard files larger than 4GB, which provides more space for storing exception logs, item files, transaction logs and electronic check images. Additionally, Version 4 supports access to Self-Monitoring, Analysis and Reporting Technology (SMART) data for hard file diagnostics.

- **Easier connectivity.** Version 4 supports the Javax.usb specification for easier peripheral attachment. And it has additional serial ports, for attaching up to four serial devices on select controllers and terminals.
- **Additional background slots.** Version 4 supports up to 60 configurable background slots, so retailers can run more applications concurrently.
- **Java currency.** Version 4 supports the latest level of Java 2™, including the Java Virtual Machine Version 1.4.2 and the Java 2 Software Development Kit. This means opportunities for you, our IBM Business Partners, to develop Java applications. In addition, enhanced Java Terminal Offline features allow more functionality at the terminal than previous versions when in offline mode.

Version 4 supports a wide variety of hardware, peripherals and software, as well as POS systems from IBM, including the IBM SurePOS 700 Series. Broad-based support helps protect your customers' IT investment, because they can retain current hardware and software, take advantage of more advanced technology as it becomes available, and run it all on the same operating system. Version 4 also maintains tight compatibility with the IBM Store Integration Framework, a unified integration environment that helps retailers manage store and customer data in realtime.

Like its predecessor, Version 4 is designed to help reduce total cost of ownership by supporting thin-client architectures, which minimizes systems management and hardware costs with low memory requirements and no mandatory hard disk. It is also designed for superior reliability. It allows

traditional and Java applications to run in terminal offline mode if the connection to the store controller is lost. Task prioritization and multiuser/multitasking capabilities keep operations moving swiftly.

Nonvolatile memory helps protect the integrity of store data on the server in case of power loss or network interruptions. And multiple servers can back each other up to ensure high uptime.

For more information about the IBM 4690 OS Version 4, please contact your local IBM representative or visit ibm.com/industries/retail/store.