

Harnessing wireless technology to improve the end-to-end supply chain

How SAP® and EY can help with real-time, accurate transfer of data across your enterprise



EY

Building a better
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SAPConsole and ITSMobile can help you optimize your entire value chain with real-time, accurate transfer of data across the enterprise through the use of wireless handheld data collection devices.

About RF and barcoding for SAP

Included within the standard SAP application suite, SAPConsole is a native, real-time radio frequency (RF) data collection application that can make middleware solutions obsolete. At a summary level, SAPConsole converts SAP's graphical-based (GUI) screens into character-based screens used on a wide variety of handheld devices. A Telnet-based application enables connectivity to the wireless device. SAPConsole software does not contain any business logic - it is simply a translator. Transactions performed with the devices are posted directly into the SAP system, empowering you and your workforce to make critical business decisions - all in real time.

SAPConsole overview

- ▶ Console communicates with the wireless device via the Telnet server.
- ▶ Through terminal emulation software(Telnet), the RF devices are able to connect to SAP in real-time
- ▶ Access points serve as an Ethernet bridge, allowing the RF devices to connect to the wired network via TCP/IP. Security and data encryption can be handled via the access points and the handheld devices. The SAP system will still manage security roles, authority and user IDs.
- ▶ Any transaction through SAPConsole can be accessed on the RF device as well as through the SAP GUI.

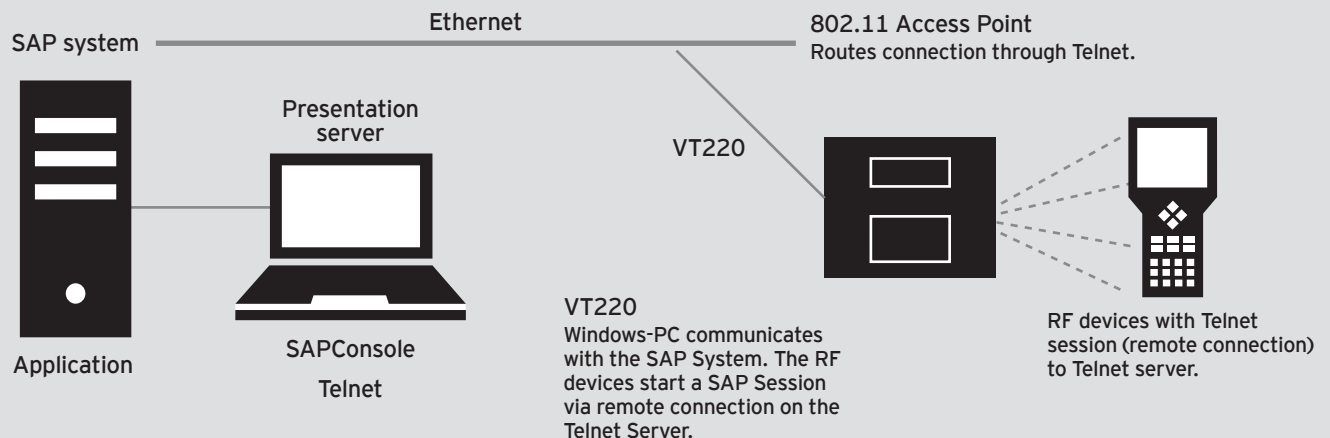
Harness the power of the web with SAP Internet Transaction Server (ITSMobile)

Most companies have acknowledged the power of the internet and its ability to deliver business solutions throughout - and beyond - the enterprise. SAP Internet Transaction Server (ITSMobile) is the preferred mobile data collection platform. ITSMobile converts SAP Dynpro screens into HTML format, making it possible to access SAP systems with user-friendly web technologies.

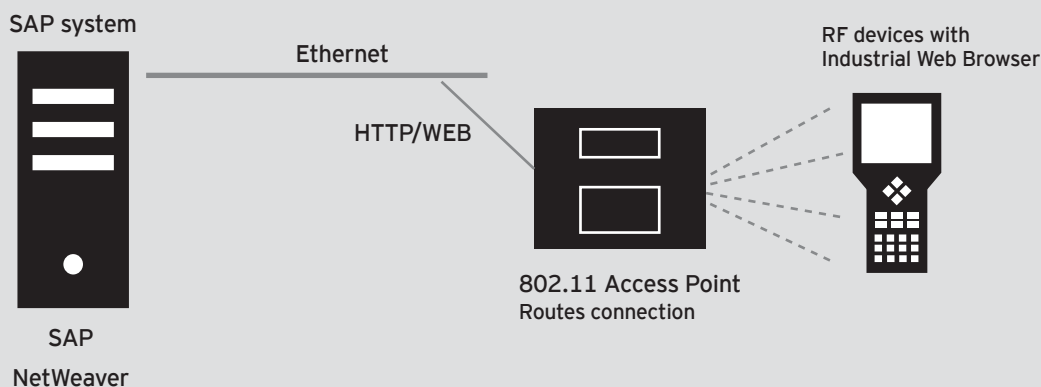
Potential key benefits for customers adopting ITSMobile

- ▶ Scalability
- ▶ Platform and database independence
- ▶ ABAP Workbench (ABAP language, ABAP dictionary, debugging tools)
- ▶ Lock management
- ▶ Updated task management
- ▶ Touch-screen capabilities for Windows Mobile and CE-based devices
- ▶ User management and authorization concept
- ▶ Workflow
- ▶ Change and transport system
- ▶ Database buffering
- ▶ Multi-language capabilities

SAPConsole



ITSMobile - Architecture (Integrated ITS)



EY has worked with these SAP technologies to go a step further by developing enhanced mobile data entry transactions for use throughout the enterprise, including:

- ▶ Inventory management
- ▶ Plant maintenance
- ▶ Production confirmations/shop floor control
- ▶ Warehouse management
- ▶ Extended warehouse management
- ▶ Asset management
- ▶ Quality management

Leverage EY mobile data collection accelerators

- ▶ We have built various mobile data entry transaction templates that extend SAP's core set of transactions to help mobilize worker productivity throughout the enterprise supply chain. These transaction templates can serve as accelerators for a final mobile data collection solution with a proven design and lower risk. The transactions can be uploaded easily to SAPs, and then the RF transaction menus are assigned.
- ▶ Easily customizable transactions for unique processes enable EY to offer tailored transactions to meet each customer's specific processes and unique business requirements.
- ▶ Transactions can also be executed from a desktop, providing the user with a simplified user interface, reducing the need for in-depth training for casual desktop users of the SAP system.

Console and ITSMobile made easy with EY

With more options, faster implementations and less risk, EY can help you make your mobile data collection investment a success and optimize performance across multiple functions.

A trusted source for SAP mobile data collection deployments

- ▶ Project management
- ▶ Leading-practice business process review
- ▶ RF requirements definition
- ▶ Transaction design and assistance with implementation
- ▶ Complete testing of the system inclusive of transactions infrastructure and hardware/printing
- ▶ Training and go-live

Effective training and documentation

- ▶ Training manuals and quick reference cards to simplify the training process, particularly for end users
- ▶ Training services includes train-the-trainer, super-user training and end-user training

About EY's SAP supply chain advisory network

EY is an SAP global services partner and is fast becoming recognized as an industry leader in end-to-end supply chain SAP advisory services. With focus on the logistics execution systems (LES) and the supply chain execution components of the SAP application suite, coupled with our already-established SAP planning and procurement capabilities, EY offers clients supply chain services that can help organizations gain operational efficiencies and manage costs related to their supply chain operations. EY SAP and supply chain consultants share a wealth of experience and knowledge when it comes to designing and helping implement world-class SAP logistics and supply chain services, with noted experience in SAP planning and optimization (APO and S&OP cloud solution), LES, warehouse management, extended warehouse management, transportation management, procurement (including Ariba/ SRM) and automatic data collection.

About EY

EY is a global leader in assurance, tax, transaction and advisory services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

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