

# Introduction to *mySAP™ Business Suite* Zebra Device Types

SAP AG created files, for *mySAP™ Business Suite*, Supplied with **ZebraDesigner™ for mySAP™ Business Suite**:  
ZLB\_ZEB.PRI, S9162.CPA (for Scalable fonts - IBM™ CP850)  
ZEBRA.FOR (Sample Form)  
ZLB\_ZEBU.PRI (for Andale and Swiss 721 fonts - Unicode UTF-8)

All versions of *mySAP™ Business Suite* later than 4.6d should use LB\_ZEB rather than upload ZLB\_ZEB. This will avoid the need for code page migration. For languages other than Western European, see the application note in C:\Program Files\ZebraDesigner for mySAP\Support directory.

All of the above files are placed in the **ZebraDesigner™ for mySAP™ Business Suite** program directory, C:\Program Files\ZebraDesigner for mySAP\Support, during the installation process.

SAP has developed / configured multiple device types for Zebra printers. The difference between these device types is code page. *mySAP™ Business Suite* has developed other Zebra device types for use with printing from smart forms. These device types are not compatible with **ZebraDesigner™ for mySAP™ Business Suite**.

**All versions of *mySAP™ Business Suite* later than 4.6d (Basis 6.10 and onwards) will require you to migrate any code page after uploading** This is due to the development of a new code page converter within SAP. This can be done in /nSPAD, Character Set tab, Go to Character Set Migration. For more information see OSS Note: 413396.

**Western European / US Scalable Fonts - ZLB\_ZEB.PRI and S9162.CPA (IBM 850)** This device type (ZLB\_ZEB.PRI) and its associated IBM 850 code page (S9162.CPA) have specially been developed for Zebra® printers and **ZebraDesigner™ for mySAP™ Business Suite**. This device type should be used for Western European character sets.

All versions of *mySAP™ Business Suite* later than 4.6d should use LB\_ZEB rather than upload ZLB\_ZEB. This will avoid the need for code page migration.

This device requires that you restrict your label designs to only use printer resident scalable fonts supplied by Zebra or TrueType® fonts converted using the font downloader that ships with **ZebraDesigner™ for mySAP™ Business Suite**. This is especially important when using extended character sets.

This device type allows *mySAP™ Business Suite* to convert all data to IBM code page 850 before spooling it to the printer. SAP has also developed this custom code page to do the exact mapping for Zebra. You can be assured that any extended European characters contained within your *mySAP™ Business Suite* Database fields will print correctly with any internal printer resident scalable font.

**ZebraDesigner™ for mySAP™ Business Suite** supports the Internal Zebra Scalable Fonts. CG Triumvirate Bold Condensed is the default font supplied with all Zebra printers. CG Triumvirate and CG Triumvirate Condensed are basically the same font as Arial® and Arial Narrow TrueType fonts (also similar to Helvetica™).

## Unicode Fonts

Zebra preloads the Unicode code page and supporting fonts into printers shipped to Europe, the Middle East, and Africa (EMEA) and offers the solution as a free option anywhere else in the world. (Zebra and *mySAP™ Business Suite* both support the most backwardly compatible form of Unicode, UTF-8.) The Swiss Worldtype font is standard on Zebra printers, supports 936 Unicode characters, and can output all major EMEA languages. Worldtype Andale fonts are required for APAC language support and can be purchased as an option on PC Cards (PCMCIA format) or as a downloaded font.

Other requirements vary if printing will be done directly from mySAP applications using SAPscript. These approaches and requirements are described below:

**SAPscript Users (upload Method)** Zebra Designer for mySAP™ Business Suite is the ideal tool for graphically designing labels and automatically generating Zebra Programming Language (ZPL®) and SAPscript so label formats can be loaded into mySAP applications for output. This approach, designed by SAP, is known as the SAPscript upload method. Zebra Designer for mySAP™ Business Suite supports Swiss and Andale Worldtype fonts for Unicode output. This means that for the first time, customers can design a single label (SAPscript form) that can be used in all the needed countries, providing the label is built with a font that supports all the required languages. This universal approach has traditionally only been available with laser printers from HP and Lexmark, not bar code label printers.

**Selecting Asian Fonts for mySAP Business Suite** Zebra offers four Andale Worldtype fonts to overcome the Unicode limitation of different glyphs sharing the same code point; these are Japanese, Korean, Simplified Chinese, and Traditional Chinese. All of the fonts contain all of the Asian languages; however, each font is optimized for a specific predominant language. This is done by selecting the language that you will use the most and you still have access to all of the other languages.

Each Worldtype font is supplied on a 32 Mb high-speed linear memory PC Card or as a downloadable object.