



RBarc/OMR is a SuchyMIPS solution for the on-the-fly printing of OMR-barcodes directly from SAP® systems. The program is written in ABAP® – the programming language of SAP® – and can that way be seamlessly integrated into the SAP® system without having to change the SAP® standards in any way. It is installed within the Z-area and can therefore not be overwritten by an updated of the SAP® system. The installation has to be carried out just once on the SAP® application server and will only take a few minutes. Owing to the ABAP® programming, RBarc/OMR is independent from the operating system and can be run with any possible connection type.

With the aid of the enclosed example forms, your own developments can be realized in no time at all

RBarc/OMR dynamically creates an SAP® graphic that is on-the-fly inserted into the composed document. It can be run with **SAPscript®** as well as with **SmartForms®**. This procedure guarantees the complete and perfect device-independence. The OMR-Barcode can not only be **printed** on any chosen printer type, it can **also be faxed, mailed, archived or put out as a PDF-document**. The **print preview** can also be

displayed on the screen absolutely true to the original. It requires no device-extensions and the user does not have to worry about how to manage a document reprint if the device originally utilized is no longer available.

The encoding of the OMR-barcodes is carried out by using a variable consisting of zeros and ones. A zero indicates the lack of and a one the presence of a bar that transfers information pre-determined by the manufacturer of the enveloping-machine (e.g. folding/packing/envelope). The user only has to transmit the reference data to RBarc/OMR. **START, PARITY** and an optional **SAFETY BIT** will be produced automatically by the program. The width of the bars and the spaces in between can be freely chosen.

RBarc/OMR is a further program coming from the well-known RBarc-series that many SAP® users choose to be their preferred method of creating barcodes. Read more about RBarc/OMR®, RBarc+2010®, RBarc/Datamatrix® and RBarc/PDF417® on our homepage, under www.suchymips.de

---	Start Bit
---	Gathering/Packing
---	Aussteuern
---	Aussteuern with Stop
---	Selective Enclosure
---	Selective Enclosure
---	Selective Enclosure
---	Selective Enclosure
---	Sequence Check 3
---	Sequence Check 2
---	Sequence Check 1
---	Parity Bit (even)
---	Safety Bit

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Value: 1111000011

OMR: Example of an Encoding Conversion



Supported Barcodes	OMR
Installation	On application server at customers' defined area (Z-area)
Client Components	NONE
Duration of Installation	15 min.
Hardware Extensions	NONE
Barcode Output	SAP® Graphics
Supported Printers	All Printer Types
Supported SAP Connection Types	All Connection Types
Further Output Possibilities	Faxing, Mailing, Archiving, Conversion into PDF, etc.
Data per Barcode	Approx. 4-8 KB per Barcode
Barcode is freely scalable on the X-Axis	YES
Barcode is freely scalable on the Y-Axis	YES
Barcode can be Rotated	YES, in Steps of 90 Degrees
START, PARITY, SAFETY BIT	Automatically
Output via SAPscript®	YES
Output via SmartForms®	YES
Supported SAP® Systems	From R/3 4.6c upwards (MySAP ERP 2004, ERP2005, SAP Netweaver ...)
Maintenance	Optional, Subject to Charges
References	On Request

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