



FOR DETAILS, CONTACT

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FOR IMMEDIATE RELEASE

AIS Introduces: SCANALYST™ 2D Barcode Quality Analyst



Westerville, OH – May 10, 2005 -- SCANALYST™ 2D Barcode Quality Management System will be available June 1, 2005. This important product will reduce the difficulty of implementing 2D matrix symbologies such as Data Matrix, QR and stacked symbologies such as PDF. The system will help users achieve industry standard quality levels and validate data content and formats.

High quality barcodes are essential for a company to realize a return in their AutoID investments. Barcodes convey valuable business information and the SCANALYST™ family of products ensures reliable communication and accurate transactions every time.

“Today’s supply chains are all about the smooth flow of products and data. Good barcode quality and practices are necessary to keep the products visible as they move through the supply chain. SCANALYST™ is the tool of choice for keeping things moving smoothly.” states Jeff Nolan.

SCANALYST™ 2D Barcode Quality Analyst reports quality of a barcode in both the graded formats and in the precise measurement for that parameter. The type of symbology along with the data format and error correction information is determined and displayed. The amount of error correction redundancy consumed by poor print quality is also shown. The image of the symbol as seen by the decode algorithms is displayed as well to allow for adjustments to lighting and distance.

The symbols data content is displayed in a human readable and hexadecimal format to help with data synchronization issues. This is especially important with multi-field symbols using application identifiers (AIS’s).

The screenshot displays the SCANALYST 2D Barcode Quality Analyst software interface. On the left, a large window shows a barcode with its data content displayed in a human-readable and hexadecimal format. The data content includes:

- Barcode content: AIS 1-000-247-1177
- Barcode content in HEX: 41 49 53 20 31 2D 30 30 3D 2D 32 34 37 2D 31 31 37 37
- BCC200 Error Correction Level:
 - 18 Data rows
 - 18 Data columns
 - 10 Data blocks
 - 14 Checksum blocks
 - 0.051 X dimension
- F Fixed pattern grade:
 - 9 Module Errors
 - A Data Safety Margin Grade
 - 100% Data Safety Margin %
 - A Horizontal Print Growth Grade
 - +6% Horizontal Print Growth %

At the bottom, there are buttons for 'Scan Barcode', 'Add Notes', 'Save Record', 'Print', 'Open Database', 'Options', and 'Exit'. Below these buttons are input fields for Location, User, Project, Date-Time, Distance, Angle, Light Source, and Light Distance.

On the right, a smaller window titled 'SCANALYST 2D Barcode Quality Analyst - Data Screen' shows a table of records. The table has columns for Date/Time, Application, Barcode Content, Barcode Content Hex, Symbology, and Data Size. The data is as follows:

Date/Time	Application	Barcode Content	Barcode Content Hex	Symbology	Data Size
5/10/2005 2:05:29 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
5/10/2005 2:05:29 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
5/10/2005 12:38:15 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
5/10/2005 12:38:13 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
5/10/2005 12:38:06 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:39:06 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:38:05 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:38:04 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:38:03 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:38:01 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:38:00 PM	AIS LAB	AIS 1-000-247-1177		DATA MATRIX	18
12:37:58 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:38 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:37 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:35 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:35 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:34 PM	AIS LAB	AIS 1-000-247-1177		QR CODE	25
12:37:24 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:22 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:21 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:19 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:18 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:17 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:16 PM	AIS LAB	11 325 PFA		DATA MATRIX	14
12:37:15 PM	AIS LAB	11 325 PFA		DATA MATRIX	14

The system features powerful database capabilities, including user identified fields to make quality analysis, statistical process control (SPC), vendor certification, data synchronization and process improvement in the supply chain easy.

About AIS

Automatic Identification Systems has been involved with standards development and implementation of AIDC technologies for over thirty years and has been delivering exceptional barcode quality management tools for the past 15 years. AIS’s SCANALYST Systems are in use around the world helping barcode users ‘do it right’ and getting the best performance from their barcode investment. SCANALYST™ 2D Barcode Quality Management System is the latest addition to the SCANALYST family of products. http://www.scanalyst.com/s2d2_intro/s2d2 is a link to the audio/slide show on SCANALYST 2D. The rest of the SCANALYST family can be seen at www.SCANALYST.com or by calling AIS at 1-800-247-1177.