

## DBDOC – ABB® INFI 90® Documentation System

**What is DBDOC?** For a decade, **DBDOC** has been a unique tool for INFI 90® DCS systems that builds a read-only encyclopedia integrating configuration, graphics, databases, P&IDs, OSISoft® PI® and more. We build a linked document of your ABB® process control system.

Trouble-shooting  
Detection of errors

Documentation  
Process analysis

Training  
Recording system changes

The entire system is at your fingertips as a unified cross-linked document.

**Who Needs DBDOC?** Every INFI 90® system needs **DBDOC**. It complements the ABB® tools, performing additional functions you need. The links between HMI graphics and Composer® and CAD configuration drawings are simple to use in our intuitive browser, **HyperView**. Simply point and click to examine any aspect of the configuration, graphics and databases. Links connect all the places in the system where each resource is used. Search, browse, print, and zoom capabilities bestow additional trouble-shooting, analysis and documentation power. Help files deliver instant access to extensive help. Many built-in tools and analysis reports from the **DBDOC** build can help you improve your system.

**What About Composer®?** Numerous sites use **DBDOC** with Composer® because **DBDOC** links the graphics with Composer®, is read-only, secure, needs no significant training, has unrestricted usage, allows remote diagnosis, and has many technical features.

**How About Licensing?** **DBDOC** is available for an unrestricted number of users. We also license for single user and conversion applications, and can do an annual license.

**What INFI 90 Software is Supported?** **DBDOC** builds ABB® INFI-90® family software:

DOS CADEWS  
WinTools®  
Composer®

Symphony®  
Conductor NT  
PCView

OIS  
Conductor VMS  
OP IT® / Process Portal B®.

**Third Party Applications?** OsiSoft PI®, AutoCAD® and MicroStation® drawings and other documents can be cross-linked automatically. **DBDOC** increases the effectiveness of a graphics conversion project from any INFI-90® family HMI to PPA® or another system.

**PPA® Graphics?** With the co-operation of ABB®, we are developing **DBDOC** to support Process Portal A® graphics, the latest HMI within the ABB® System Software for Harmony®. This will be in the next version, early 2008. After that, we plan to do PGP graphics for Asia.

**How About Real-time Read-only Data?** **DBDOC** is completely read-only. The values of internal blocks in your system can be fetched safely in three ways:

- Using a secure network connection to our program;
- Using relay programs to cross multiple firewalls; or
- Using a serial connection to a program in the protected zone.

**Who Uses DBDOC?** Around the world, hundreds of outstanding companies use **DBDOC** to improve the way they take advantage of their INFI 90® DCS systems. Your colleagues have chosen **DBDOC** to give their systems the very best support. There is nothing in the world like **DBDOC**.

**You Aren't Using DBDOC Yet?** We are small, with clients around the globe, and our prices are low, so we cannot spend a lot reaching you. Now that you see it – take advantage of **DBDOC**!

# DBDOC – Outstanding Features for Everybody

## Traditional Features of DBDOC HyperView, CIUMon and CIULink include:

- Click-Click-Click – Double-click on a graphic to get to the tag. Double-click on its input to get to its source. Anybody can easily navigate to the slave or logic.
- Real-time Read-Only Values – **DBDOC** shows live data on the outputs of the function blocks and on their inputs.
- Symbolic Data – **DBDOC** uses symbols for digital values, function generator and rung blocks, to make interpretation of the internals of the system simple.
- Error Checking – **DBDOC** checks for 123 different errors and potential problems in your configuration drawings, graphics and databases, some highly significant. You will have seen many of them, like adapt block errors, lost sources and missing tags.
- Read-Only Networked Access to system configuration – **DBDOC** lets you give anybody you allow read-only access to how your system works from anywhere.
- Conversion Support – **DBDOC** error checking can tighten the system for conversion, and our display of the fields used in the graphics helps convert them correctly.

## New Features of DBDOC HyperView, CIUMon and CIULink include:

- Watch Window - collect data easily from any blocks, plot it and save the data.
- The 'auto-focus' camera feature - a single update of data is automatically refreshed to put minimal load on the limited live data capability.
- New techniques in real-time read-only data support protect your system security.
- Plot data for any block, especially valuable for non-exception reported blocks.
- Direct export of logged data for other applications.
- (V10.0) Rubber band specs let you move specs out of the way of other details.

## The pictures in this brochure illustrate other important features, including:

- Annotations - electronic sticky notes.
- Bookmarks - available to mark and use to return to any place or view of your system.
- Troubleshooting - done by clicking on the input you'd like to trace, and seeing a list of everywhere it appears, or double-clicking on it and being instantly taken to its source.
- Function block specifications are extracted into an Access® database system.
- Block map lists all blocks and attributes including whether they are used, unused, tagged or have no source.
- Rung display shows live ladder logic for rung FC 110, 111, and 112, a phenomenal feature.
- Audit window shows a printable list of every tag and block in a drawing.

**DBDOC** allows instant, effective access to a picture of your entire system. Our clients find that giving this information to engineers, technicians, administrators and operators results in significant productivity gains.

**DBDOC and RoviSys® Company** now make it possible for you to have your EWS CIU shared by multiple applications: EWS, plus **DBDOC** on DCS and Business LANs. **OPC-90** server **Lite® Plus** multiplexes three connections to the CIU, allowing you to get much more value out of the expensive CIU attached to your EWS right now. Additional real-time data becomes available with each CIU you share using OPC-90®. See our price sheet for OPC-90® servers available from us.

**G. Michaels Consulting Ltd.** – Since 1974, **GMCL** has specialized in software support of process control systems. Developed over the last ten years out of our experience with these software-based process control systems, **DBDOC** has become our flagship product. Installed worldwide, **DBDOC** is currently used in over 300 sites on nearly every continent (except Africa and Antarctica). **G. Michaels Consulting Ltd.** is based in Edmonton, Alberta, Canada.