

DBDOC – ABB® Harmony INFI 90® 系统必备参考

什么是 DBDOC ? DBDOC 为您的 Harmony INFI 90® DCS 系统生成**安全、只读快照**，展示了配置、图形和数据库及其他资源（如 P&ID、OSISoft PI®、AutoCAD® 和 MicroStation® 绘图）的**集成式视图**。

工作原理是什么？ DBDOC

快照如同代表您的系统的自定义网站，是一种**用于故障排除和分析的令人惊异的界面**。每个文档和资源均是交叉链接的，借助 DBDOC 浏览器，您可使用直观的**点按式界面**进行导航。强大的搜索功能可使您立即访问系统的任何部分。内置工具和分析报表有助于消除普通的误配置，并改善您的系统。

如何使用 DBDOC ? DBDOC 可满足用户对 Harmony INFI 90® 系统的各种需求：

- 故障排除和分析
- 安全的培训环境
- 只读实时数据
- 系统文档
- 安全性和功能审计
- 记录系统变更
- 离站实时数据和分析
- 系统转换
- 可移植系统

是否有安全的实时数据？ DBDOC

使用了**完全只读**的界面，可为系统中的任何数据块（即使是本地帧数据块）提取实时数据，并将其正确显示在相关图形或配置图上。 DBDOC 内置**轻量趋势**功能，为收集、记录和分析数据提供了便利。可使用以下方式**安全地提取**数据：

- 使用安全网络连接至程序；
- 使用中继程序通过多个防火墙；或
- 通过串行方式与受保护区域中的程序相连接。

哪些 INFI 90 软件受支持？ DBDOC 与整个系列的 ABB® Harmony INFI 90®

系列软件相兼容，包括：

- DOS CADEWS
- Conductor VMS
- OIS / MCS
- WinTools®
- Conductor NT
- 800xA Process Portal®
- Composer®
- PCView
- Process Portal B®

是否支持第三方应用程序？ 诸如 **OsiSoft PI®、AutoCAD® 及 MicroStation®**

绘图之类的资源可自动交叉链接。 DBDOC 也提高了从任何 Harmony INFI 90® 系列 HMI 至另一个系统的图形转换项目的效率。

DBDOC 是否支持图形？ DBDOC 始终对控制台图形提供集成式支持。 DBDOC

现已添加了对 **Process Portal® 图形** (适用于 ABB® Harmony INFI 90® 系统的最新 HMI) 的支持，对 PGP® 图形的支持正处在早期开发阶段。

谁在使用 DBDOC？ DBDOC 在**全球 400 多个站点**得到广泛使用。

十多年以来，您的同事已选择 DBDOC 为其 Harmony INFI 90® 系统提供最佳支持。

DBDOC 提供什么帮助和支持？ DBDOC 附有**详细的说明文档**、培训手册及互动教程等。

定期在全球各个站点举行培训课程和研讨会，也可安排在您所处的位置进行。

此外，我们还提供出色的电话和电子邮件支持，始终快速高效地解决客户的问题。

DBDOC 的许可情况如何？

大多数客户都利用了我们**经济且不受限制的许可证**，这样，在您的站点使用 DBDOC 时，将不受用户数量方面的限制。 也可提供单一用户许可证和受限更多的转换许可证。 请联系我们讨论您的需求。

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通过 DBDOC，您可即时、有效地获取整个系统的快照，以及实时系统数据的安全只读视图。我们的客户发现，为工程师、操作员、技术人员和管理人员提供此信息总是能大大提高他们的工作效率。

只有 DBDOC 才能在一个程序包中提供所有这些必要功能：

故障排除和分析。信号跟踪。实时数据显示及趋势。

- **双击信号跟踪。** 双击图形以显示标签。双击其输入以显示其来源。
任何人均可轻易地导航至从站或逻辑。
- **显示在图形和配置上的只读实时数据。** DBDOC 在功能块的输出及输入上显示了实时数据。
- **符号实时数据。** DBDOC 用符号表示数值、函数生成器和 RUNG 块，以简化对系统内部的说明。
- **轻量数据趋势。** DBDOC 为系统中所有数据块的实时数据提供了完整的交互绘图功能，即使是未报告异常的实时数据。
- **保存实时数据，并将其导出至其他应用程序。**
只需单击鼠标数次，就可将实时数据导出为便利的 csv 文件格式，以用于其他应用程序。

符合 NERC 且联网的实时数据。低带宽。远程访问。

- **符合 NERC 且联网的实时数据。** 通过 DBDOC，您可允许任何用户从任何位置对您的系统的工作方式进行只读访问。
- **低带宽实时数据。** 仅在您更改所查看的内容时，DBDOC 的“自动聚焦”模式才会自动刷新实时数据。
- **多路复用现有 CIU 连接以增加实时数据带宽。** 借助 RoviSys® Company 的 OPC-90 server Lite® 和 Lite® Plus，您可通过 DCS 或企业 LAN 多路复用 EWS 或 DBDOC 与 CIU 之间的连接。您可立即进一步充分发挥与 EWS 相连的昂贵 CIU 的作用。
附加的实时数据可用于通过 OPC-90® 共享的每个 CIU。我们的报价单列出了可用的 OPC-90® 服务器。

系统清理和一致性。 转换支持。

- **系统快照将自动植入必要的报表和摘要。**
列出并显示了未使用的标签、未配置的图形、配置中无来源的数据块、未使用的警报标签和导出的数据块，便于访问更多内容。
- **DBDOC 可标识配置错误。** DBDOC
可检查配置绘图、图形及数据库中数百个不同的错误和潜在的问题，有些错误和问题十分严重。您将会发现许多错误和问题，例如，适应块错误、丢失的来源和缺失的标签。您可以选择将这些报表链接到系统快照中。
- **转换支持。** DBDOC
错误检查和报表可强化系统转换，在图形中显示所用字段有助于对其进行正确转换。

关于 G. Michaels Consulting Ltd

G. Michaels Consulting Ltd - 自 1974 年以来，GMCL

始终致力于为过程控制系统提供软件支持。

凭借我们十多年来在基于软件的过程控制系统方面的经验，我们所开发的 DBDOC

已成为我们的旗舰产品。DBDOC 目前已在全球安装，用于各大洲的 300 多个站点。我们是 NERC 的注册成员。G. Michaels Consulting Ltd 公司总部位于加拿大阿尔伯达省的埃德蒙顿。

What Users Say about DBDOC

Well thanks again. We would be LOST without DBDOC and your service is absolutely the best!

Amanda King, Process Control Engineer, Albemarle, FCC Plant, Pasadena, TX

I am blown away by your tech support...I've dealt with many companies' tech departments and I can tell you sir that your tech support is top shelf, AAA! I have never been exposed to such a fast response as yours. And then to have someone email the fix in such a short time is unheard of in the PC world today as I know it. So whatever you are doing, you're doing it right. We, the Techs, love your program, I just wish we could have the time to really understand and fully use the power of it. Hats off to GMCL.

Phil Murray, Control Operator, Ameren UE, Meredosia Power Station, Meredosia, IL

First, I would like to take this time to thank you for your continued support of our needs. Rarely do you find a company and/or individual that takes their product and work ethic to the level you display time and time again.

Daren Bailey, formerly of DTE Energy, Detroit, MI

We really like the system [DBDOC]. Our DCS system has never been so clean before. It really helps when configuration changes are necessary, especially when you get rid of obsolete stuff.

Serge Simon, Senior Maintenance Technician, DuPont de Nemours, Contern-Hesperange, Luxembourg

The data watch window is great!!! An engineer's dream!!!

Nick Charnley, Process Control Specialist, TRUenergy, Yallourn Power Station, Yallourn, VIC, Australia

Whoa!!!! I love it! The trending function is excellent, also being able to export it to a spreadsheet is a great plus! We figured it would be a big leap. Once we started playing with real data, we could see that we needed to go a lot further. Thanks. We had to fault find a process issue today and it works a treat! Very handy tool, I don't think I'll live without one now :)

Charlton Fuentes, Process Control Engineer, Queensland Alumina Limited, Gladstone, QLD, Australia

The control groups at QAL would like to thank you and your team for the "unbelievable" service and customer support you guys provide. I'm not sure whether your team gets much feedback, but I would like to say thank you again for your impeccable support and product development. There are not many products, hardware or software that we would rave about, but yours is one of them.

Geoff Morissy, Process Control Engineer, Queensland Alumina Limited, Gladstone, QLD, Australia

I know I've said it before but I can't help repeating myself. The trending you have built in DBDOC is good stuff... We used to use a 3rd party tuning package just for the trending capabilities. However since the DBDOC trending came along we haven't used it either. To summarize, you have filled our needs for diagnostic trending and we want for nothing more. It's all good, a job you can hang your hat on and be proud.

Shane Thurston, Lead Automation Engineer, Queensland Alumina Limited, Gladstone, QLD, Australia

We are continuing to utilize your DBDOC program and are taking it to another level at our plant. We recently were running slope on some probes in our main turbine and needed to take readings in the control room at the same time. With a wireless notebook sitting beside the tech adjusting the probe, he could take voltage readings and control room readings without assistance. We had one wireless access point set up on our turbine deck and they could take the notebook from one end of the turbine to the other and monitor as they calibrated, ensuring accuracy throughout the loop.

Terry Smitherman, Maintenance Supervisor, NRG, Limestone Generating Station, Jewett, TX

DBDOC is by far the most used utility program that we have at our plant. With it, technicians with limited Bailey knowledge are able to troubleshoot problems and resolve field issues. Since installing the CIU and running from our LAN it has become a very useful tool. Technicians can troubleshoot from anywhere on the LAN and not have to go to a Bailey EWS, saving time and money. Other personnel have been able to monitor operator graphics for information about how the plant is running. Also, it is a very helpful tool for locating tag names. The build function has enabled us to work through several cleanup problems in our Bailey project... your whole company has been very responsive to all of our questions, concerns and ideas for future updates. Keep up the great work.

Terry Smitherman, Maintenance Supervisor, NRG, Limestone Generating Statio, Jewett, TX