Visual Designer:
Application development made easy

Visual Designer is a software development package optimized for OEMs. New tools streamline the application development process, and the creation of Web-based applications has never been easier. In addition to basic monitor and control, Visual Designer is packed with advanced features to streamline the design of sophisticated applications.

Time-saving solutions, lower costs

With application development expense often outweighing the hardware expense, the demand to quickly design and implement advanced GUI solutions is greater than ever. Even advanced features such as data archiving, recipe management, multi-language, SQL database access, and Web serving are made easy through an elegant and modern user interface. Visual Designer's ease-of-use and time-saving features lower your total installed cost.

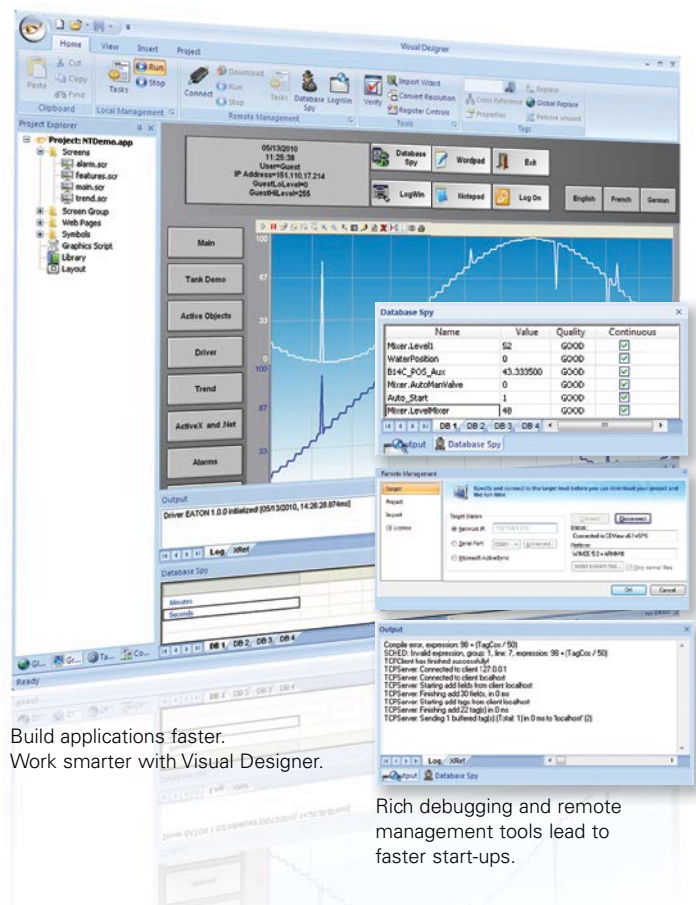### World-class application support

With a variety of free support resources available, Eaton can help you create a custom operator interface application in record time. A getting started guide, context-sensitive help built into the software, and an interactive training disc will help you get up to speed quickly. Sample applications within the software demonstrate both commonly used and advanced features. Most importantly,

Eaton offers global phone and online technical support at no charge, as well as regularly scheduled classroom training sessions performed by Eaton product experts.

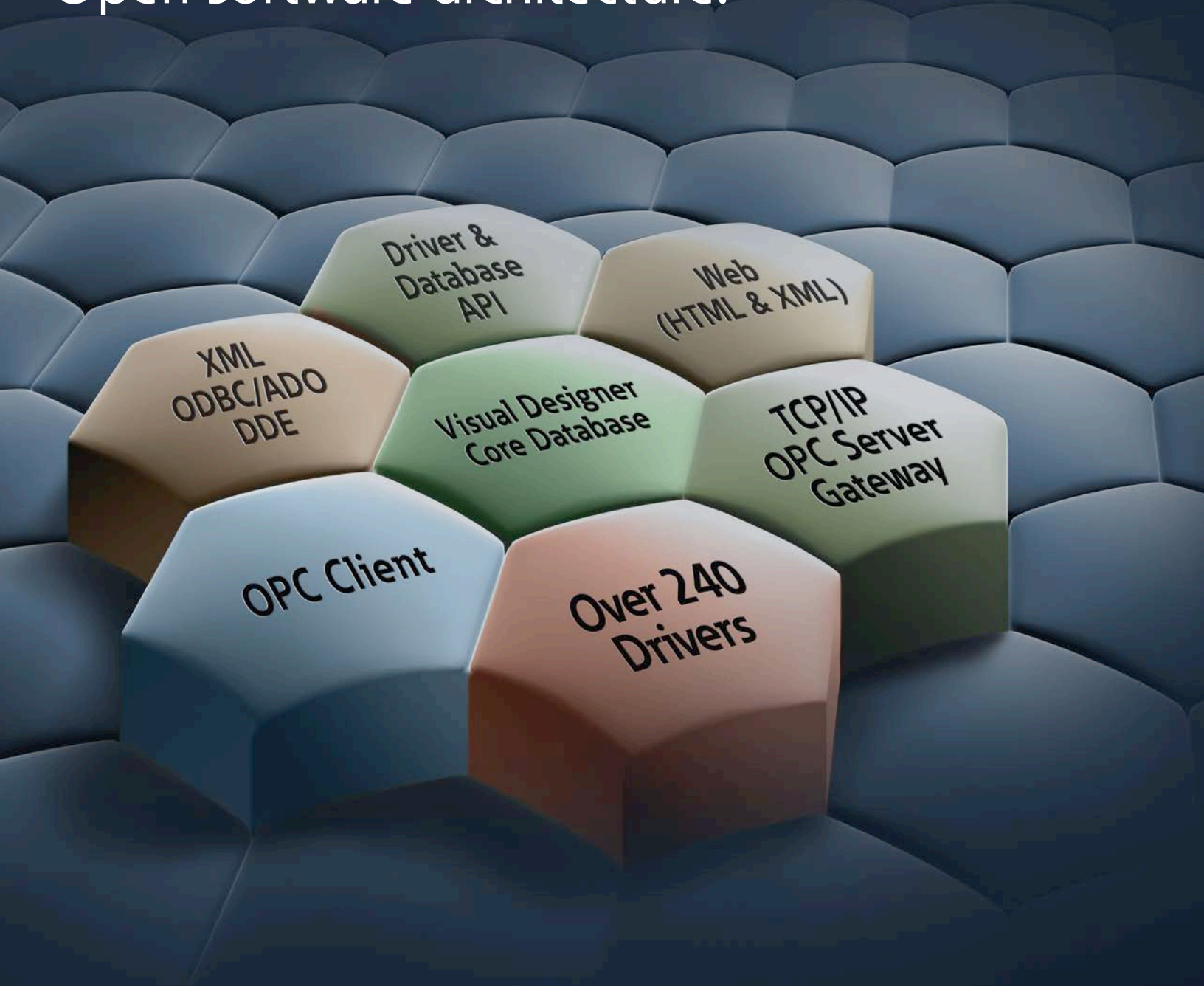Build applications faster.
Work smarter with Visual Designer.

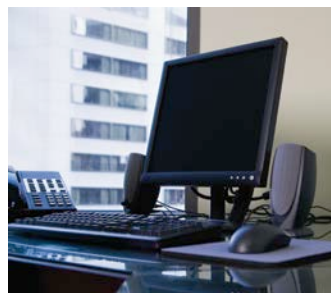Rich debugging and remote management tools lead to faster start-ups.

EAT·N
Powering Business Worldwide

Open software architecture.

Driver & Database API

Web (HTML & XML)

XML ODBC/ADO DDE

Visual Designer Core Database

TCP/IP OPC Server Gateway

OPC Client

Over 240 Drivers

Three hardware families—one software package

XV: 3.5 to 10.4 inches Windows® CE

XP: 10.1, 5.6 and 21.5 inches Windows Embedded Standard 7

Open PC platform (workstation or server): Runtime software for standard Windows PCs

Fully connected, Web-enabled

Today's operator interface applications range from basic monitor and control to high-end, feature-rich HMI software with Supervisory Control and Data Acquisition (SCADA). Customers demand communications capability with any network, PLC, Web client, and database. The answer: Eaton's Web-enabled Visual Designer operator interface software.

Web-based thin client

- Zero admin client—no need to install software on the remote PC. A standard Microsoft® Internet Explorer Web browser will do, or use any HTML5-based browser like Apple® Safari® or Google Chrome™ to view the application from a mobile device such as an iPhone®, an iPad® or an Android phone or tablet

- Secure viewer—for dedicated client applications, install the free Secure Viewer to any Windows PC and get a full screen version that operates without a browser framework

- Supports multiple simultaneous and independent Web clients

- Simplified security—the same local user accounts and passwords for viewing and control also apply remotely

Connectivity

- Extensive list of over 240 native communication drivers for PLCs, drives, and many other industrial and commercial devices

- Interface to any relational database—access both local and enterprise functions such as MRP/ERP through databases such as Microsoft Access, Oracle, SQL Server, FoxPro, PI and many others

- Other connectivity tools provide redundancy capabilities, real-time data exchange, centralized alarm management and more

Open platform

- Visual Designer software can host third-party controls such as ActiveX® and .NET® controls, and Visual Basic® programs

- In addition to Eaton's operator interface families, Visual Designer's runtime may be licensed on any 32- or 64-bit Windows PC, workstation or server

Interoperability

- Software is designed to open standards such as XML, OPC, ActiveX, .NET, ODBC, ADO, SOAP and more

- Seamless integration with third-party hardware, software and databases

Mobile/remote access
Email data and page interface from cell phones and PDAs.

Web solution
Access to the system from anywhere using a standard Web browser.

Client stations
Enhanced security and remote monitoring and control with Visual Designer's Secure Viewer thin client.

Enterprise
MRP/ERP, Access, Oracle, SQL Server, FoxPro, PI and many others.

Plant floor integration
Communication to PLCs, robots, drives and other devices on networks such as Ethernet, PROFIBUS®, DeviceNet™, Serial and many others.

Visual Designer development software

VISUALDCE

Visual Designer development software for Eaton's XV operator interface family with Microsoft Windows CE operating system and a maximum of 4,000 tags and three drivers.

VISUALDXP

Visual Designer development software for PCs with Microsoft Windows standard embedded or open PC operating system and a maximum of 64 k tags and eight drivers. Also supports Eaton's XV operator interface family with Microsoft Windows CE operating system and a maximum of 4,000 tags and three drivers.

XP-503

All XP-500 models are pre-licensed with Visual Designer runtime. The standard license is for 4,000 tags, five simultaneous communication drivers and one Web session each of three types: Thin Client, Secure Viewer and Mobile Access. Field upgrades are available for 64,000 tags, eight drivers and 2, 4, 8, 16, 32, 64 or 128 simultaneous Web sessions of each type.

See the operator interface catalog for field-installable updates, upgrades, PC and multi-user licenses.

Technical support is available free of charge at our toll-free number, 877-ETN-CARE. You will also find trial software and upgrades on the Web at www.eaton.com/electrical.

Advanced features

- Pop-ups and group screens
- Full mathematical and logical evaluation
- Web browsing and document viewing
- Remote access and control without adding software to the remote PC
- Database interfacing
- Historical alarms and events

- Historical data archiving and trending
- Recipe management
- Multi-language
- VB scripting
- Report generation
- Scheduling
- Resolution conversion
- Emailing and text messaging
- Launch and control of third-party applications

Advanced development features

- Conversion of legacy PanelMate® configurations
- Optional PanelBuilder™ conversion utility
- Multi-touch and gesture configuration
- Online configuration/editing
- Tag integration for RSLogix 5000, CODESYS, and many other tag based PLC platforms

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- Advanced search and replace
- Automatic scaling of Web clients
- Customizable application symbols
- Reusable controls, images, and screens via indirect tag and/or PLC assignments

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