Cue Visual Composer

Main Features

- Integrated Development Environment (IDE)
- All-In-One application
- Visual 2D system configuration based on circuit diagram
- New XPL2 programming language
- Supports alpha channel for semitransparent objects
- Multi language support for touch panel applications
- Vector fonts (TrueType and OpenType) including anti-aliasing
- Powerful touch panel design functions
- Used defined graphical objects
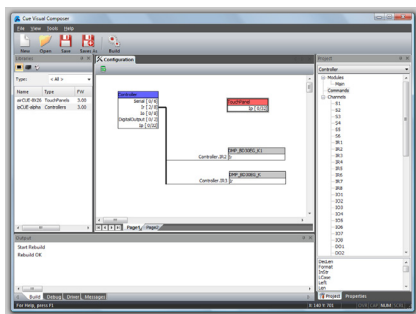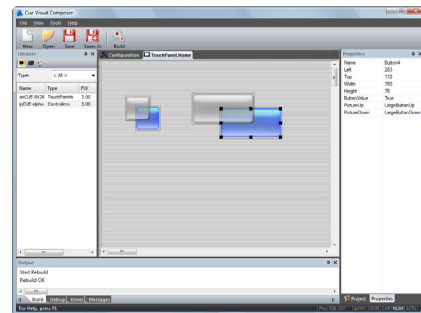- Topnotch Graphical User Interface (GUI)

Description

Cue Visual Composer (CVC) is brand new All-In-One software for Cue System programming where individual parts of software are closely linked and speak the same language. Cue Visual Composer is direct successor of Cue Director XPL.

CVC is creation software for people not only for professional programmers. Powerful touch panel designer supports open architecture. User graphic objects can be created and used very simply.

Integrated Development Environment (IDE)

- Sophisticated development environment derived from Microsoft Visual Studio 2005 and Microsoft Visual Studio 2008
- Polished GUI based on new Microsoft Office 2007 graphical style
- Seven different graphical styles – 1 x Windows XP, 4 x Office 2007, 2 x Visual Studio 200x
- Customizable interface with floating and/or dockable windows
- Reduced number of windows with tabbed client area
- Drag & Drop support
- Easy editing place switching through tabs

System Configuration

- Visual 2D Configuration with cross-page interconnection
- Unified library window with object tree view
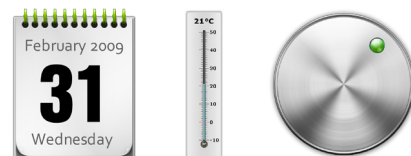- Command list view

Software dependence

- Doesn't need to be installed
- Portable application running from USB flash disk
- Improved compatibility across different language platforms
- Microsoft ® Jet Database Engine is not used anymore.

Touch panel Design

- Visual design, in-place property editing
- Basic Graphic Collection included
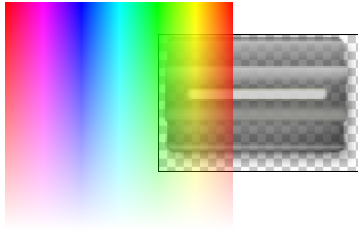- User defined graphical objects

Basic Graphic Collection

- Set of ready to use graphic objects delivered with CVC
- For more information see cut sheet Basic Graphic Collection

Multi Language Support

- Built-in support for quick and easy localisation of touch panel applications
- Unlimited number of languages in every application
- Easy text translation and addition of new language
- Translation without necessity to change programming
- Selection of the relevant language at runtime
- Texts are placed in resource strings which are loaded during program execution as needed.

Alpha Channel

- Supports alpha channel for partial transparency
- Alpha channel combines an image with a background to create the appearance of partial transparency.
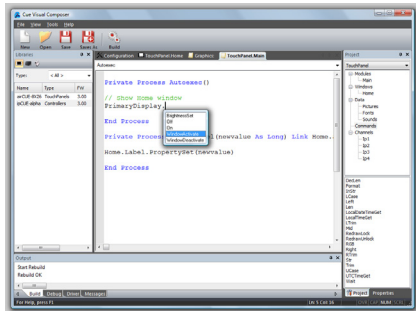
Font Anti-Aliasing

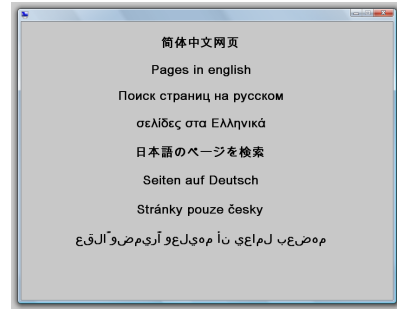Un-anti-aliased   Anti-aliased

- Makes screen text smoother and easier to read
- Supports vector fonts (TrueType and OpenType) with anti-aliasing

Programming

- Programmable touch panel interface
- No Script language as known from Cue Design Director 8.xx
- Same features as controller but less control ports
- Streamlined programming language same for touch panels and for controllers
- Compatible with next generation XPL2 programming language
- Reduced command set with more compact and powerful commands
- An object-oriented programming language (OO language)
- New compiler generates faster, more robust and efficient binary code
- Source code editing with color coded language keywords
- Syntax editor with IntelliSense and instant context sensitive help
- Control and graphic API available

Unicode Character Encoding

- Unicode uses 2-Bytes for character encoding
- Covers also following languages: Arabic, Armenian, Bengali, Bopomofo, Cyrillic, Devanagari, Georgian, Greek and Coptic, Gujarati, Gurmukhi, Hangul, Hebrew, Hiragana, Kannada, Katakana, Lao, Latin, Malayalam, Oriya, Tamil, Telugu, Thai, and Tibetan.

Font Kerning

- Supports vector fonts (TrueType and OpenType) with kerning
- Kerning refers to adjusting the space between characters, especially by placing two characters closer together than normal.
- Kerning makes certain combinations of letters, such as WA, MW, TA, and VA, look better.

System Requirements

Hardware
- Intel® Core™ Duo mobile processor 1.6 GHz or better
- AMD Athlon™ X2 Dual-Core processor 1.9 GHz or better
- Memory (RAM) at least 1 GB (2 GB for Microsoft Windows Vista)
- Graphics which supports DirectX® 7 or higher
- Display resolution 1280 x 800 pixels or better
- 20 MB free storage space on hard drive
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Software
- Microsoft ® Windows XP (32/64-bit version)
- Microsoft ® Windows Vista (32/64-bit version)
- Microsoft ® Windows 7 RC1 (32/64-bit version)
- Microsoft ® DirectX® 7 or higher