cerenade

Electronic Forms Solutions

Cerenade's family of products has been deployed at a number of fortune 500 organizations in addition to government agencies performing a variety of tasks from acting as a front-end to organization's enterprise collaboration and ERP software to handling organization's output management needs to providing full E-Forms and process management within the enterprise.

Conversion / Cross Conversion

Ability to preserve investment in E-Forms creation is of great concern to all organizations. Cerenade's form conversion facility is second to none. Cerenade is the only vendor to provide a full array of import and export utilities.
Cerenade's Import utilities provide exact conversion of FormFlow, PDF and OmniForm files, which includes all objects and their properties. File formats such as IBM (aka Shana) .ITP, Illustrator, MS Word, Excel and others are converted via an object recognition software. Cerenade export utilities output Cerenade E-Forms into HTML, XML, fillable PDF and ASCII formats.

Support for Industry Standards

While adhering to a component-based open architecture, a great deal of emphasis has been put on providing support for industry standards such as XML, PKI, ASP/JSP, ODBC/JDBC, COM/DCOM, .NET, HTML/XHTML, XPS, PDF and LDAP within Cerenade's family of E-Forms products. The end-result of this approach to development has been superior products providing reliable and exceptional service to organizations' E-Forms Management needs.

Centralized Enterprise Forms Management Solution

Cerenade Enterprise Server provides the necessary application engine to enable the manipulation and distribution of electronic forms across the enterprise.   The solution, built on top of Cerenade's E-Forms engine, offers a complete, end-to-end, sophisticated forms management system complete with tracking, version control, audit trail, and routing capabilities.

Alleviating Dependence on a Single E-Forms Vendor

Users of the E-Forms technology should not be subjected to a closed proprietary technology thereby locking users into a non-portable solution which can only be maintained and upgraded solely by the vendor of the proprietary technology.
In order to realize this goal, the following three components has been designed, developed and integrated into Cerenade's Visual eForms family of products:
- A comprehensive conversion facility for importing E-Forms designed with proprietary technology of other vendors.
- An open E-Forms format along with an export facility capable of converting forms in Cerenade's format to other industry-standard E-Forms formats.
- An open, extensible, standards-based filler component which is interoperable with and can easily be integrated into other enterprise solutions.

Component-based Open Architecture

In today's world, applications are viewed as and built from a collection of cooperating software components thereby increasing programmer's productivity, code sharing and code maintainability. Cerenade is the first to apply this methodology to E-Forms applications by developing a component-based E-Forms engine. Advantages of this approach are:
- Deployable in both Web-based and desktop applications
- Extensible
- Easy to integrate with other enterprise applications
- Results in Reduced costs and increased savings

Forms Management & Data Collection

Through an alliance with US Department of State, Cerenade has developed a forms management and data collection system that not only answers the needs of the US Department of State but could also be adopted by all federal agencies as well as private organizations.
Cerenade Business Matrix uses an integrated modular tracking system to track the life cycle of various business lines, generate reports, submit IT requests, and performs various administrative functions. Business Matrix supports these lines of business:
- E-forms
- Information Collection
- Regulation
- Federal Register Rules

- Commercial Off The Shelf solution installs in minutes. Simply add forms.
- Storage - forms take little space.
- Conversion / Cross Conversion of forms.
- Digital Signature - Inherent support for Entrust, PKI, CoSign, Pen, Topaz and NT Digital Signatures.
- ClientLESS - Requires only a browser such as IE, Safari, Opera, Mozila, or Firefox.
- Forms are WYSIWYG, High Definition, Pixel-Perfect and Accessible.
- Barcoding - PDF417, PostNet and other barcodes are dynamically generated.
- E-Application - Wizard-driven E-Forms.
- Dynamic Pages and Scrollable Tables.
- Archive in TIFF, PDF and XPS.
- Software Development Kit (API), Web Services, and .NET Component are available for application developers and integrators.
- Section 508 Wizard.

cerenade

Cerenade Solutions Address Government's Requirements

- Meets the requirements of the Section 508 of the Rehabilitation Act.
- Certified by U.S. Department of State ITCCB CR 1-04044.
- Meets the C&A of OMB Circular A-130 and NIST Special Publication 800-37.
- Conforms to E-Authentication policy standards of OMB and NIST.

Developer's Toolkit

Cerenade provides its Form Filler to applications developers in a variety of technologies including: ActiveX component, .NET component, Server-Side component, and DLLs.

Scalability and Reliability

Cerenade web solutions are designed and developed in .NET Framework which inherently addresses scalability and reliability requirements (such as Asynchronous Support, Web Farm Session State, and IIS 6.0 Fault-Resilient Process Architecture) of enterprise applications. In a nutshell, the upper limit for number of users and transactions in relation to a Cerenade web solution is fully dictated by the hardware (i.e. raw power of the server) and the number of servers in the server cluster (i.e. Web Farm).

Cerenade Electronic Forms Topology Diagram

Audit Trail
- Audit Trail Reporting
- Web Browser
- Audit Service
- File Server
- Audit Files

Online User
- Fill
- Print
- Single Sign-On
- Digital Signature
- Save
- E-Mail
- Route
- Archive

Offline User
- Fill
- Print
- Digital Signature
- Save
- E-Mail
- Archive

Laserfiche EDMS User
- Fill
- Print
- Digital Signature
- Save
- E-Mail
- Route
- Archive

Forms Management

Business Matrix
- Regulations
- Forms
- Federal Register
- Approval
- Rules
- Workflow
- Information Collection

Business Matrix Users

Business Matrix Server

Enterprise Server Application

Database Server
- Folder hierarchy
- Security Assignment
- User Groups

File Servers
- E-Forms
- Content Files

- Users/Group Management
- Records Management
- E-Forms Repository
- Version Control Management

SharePoint User
- Fill
- Print
- Digital Signature
- Save
- E-Mail
- Route
- Archive

Routing
- CRM System
- Routing Server
- Active Directory
- Mail Server
- Routing Designer

E-Forms Distribution
- Cerenade E-Forms
- Internet Intranet
- Cerenade Web Filler
- Cerenade E-Forms
- CD
- Cerenade Desktop Filler

Print Merge

Visual E-Merge
- Print
- Fax
- E-Mail
- Archive Service
- XML Service
- Meta Data

Forms Conversion
- FormFlow
- PDF
- OmniForm
- Word
- Excel
- Illustrator
- Scanned Images
- Paper