



Velos eMaven

maximize information flow within the healthcare community

The connectivity challenge: In any given healthcare community, the occurrence of an event could trigger numerous subsequent events. A completed patient visit could trigger a billing event, a follow-up visit, or the scheduling of additional testing procedures. Currently, separate systems exist for each function and the same data elements are manually reentered; one for labs, another for billing, a third for medical records, and so forth. This results in errors, cost increases, compliance risk, and ultimately, more work for you. Hence establishing reliable connectivity between each independent system has become a major requirement.



Velos eMaven Solution

The Solution: One system to manage the entire heterogeneous applications environment. A system designed to be reliable and configurable, allowing seamless transfer of electronic data between diverse software applications and medical devices. In effect, we are connecting the entire clinical ecosystem to bring efficiency and ease to your work.

Velos eMaven was designed with interoperability in mind and supports multiple standards based messaging architectures (SOA, HL7, DICOM, ANSI X.12, XML, etc.). This provides Velos customers with a single mechanism for creating, deploying, managing, and monitoring all forms integration.

Velos eMaven Highlights

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| Provides governance through monitoring and alert tools | Supports multiple standards and vocabularies |
| Encapsulates persistence and business logic | Provides real-time data updates |
| Creates a centralized service API to easily integrate a variety of protocol | Support of multiple standards/protocols like HTTP, SOAP, FTP/SFTP, JMS, etc. |
| Enables a variety of service-oriented architecture (SOA) scenarios | Takes advantage of existing frameworks and industry-standard Java APIs (JAX-WX, JMS, etc.) |
| Organizes configuration, user management, notification, and reporting tasks through an Administration Console s | Supports all Velos products, including Velos eResearch, Velos eSample, Velos eCompliance, Velos Transplant, Velos Renal, and Velos eCardio |

How It Works

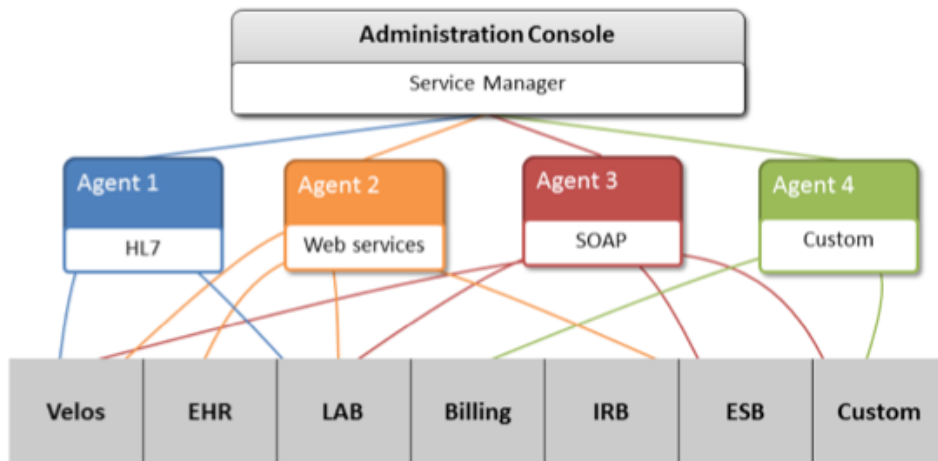
The Velos eMaven framework comprises of two functional components: the “Service Manager” and one or more remote “Agents”. They work together seamlessly to manage and deliver a timely and reliable information flow.

Service Manager

The Velos eMaven Service Manager acts as a control and monitoring center to local and remote Agents. The Service Manager communicates with the Agents and offers message flow visibility, notification, management, and reporting. Its Administration Console provides a graphical user interface, allowing Systems or Network Administrators to configure, translate, and monitor message traffic. Email and SMS alerts can be sent to administrators and other users upon error or other configurable events. Administration tools assist in setting up users, notifications, and running reports on message statistics. Reports allow users to view logs of messages transferred, and statistical summaries of those messages including from-values/to-values, error descriptions, remarks, table names, field types, custom codes, etc. Customers may license the Service Manager from Velos and install in their operating environments, or acquire Velos Support Services for monitoring and managing their Agents.

Velos eMaven Agents

The Velos eMaven architecture supports several different Agent types. An Agent is a flexible data exchange module which is fully compatible with SOA, HL7, ANSI X.12, XML, DICOM, or other standard or proprietary messaging architectures. It serves as a platform for both incoming and outgoing communication between Velos applications and other vendor systems, labs, existing customer applications, or databases. Agents may also address non-Velos interoperability requirements. All Agents communicate with the Velos eMaven Service Manager. Velos can develop a set of standard or proprietary Agents unique to each customer.



Administration Console

The Velos eMaven Administration Console dashboard displays various widgets, such as notifications, monitoring, users, reports, graphics, and maps. Its graphical user interface helps administrators maintain configurations and translations, set up notifications, run reports, and monitor message traffic. Multiple entry forms and reports can be viewed concurrently. Numerous message streams and locations can be configured and managed simultaneously.

Velos eMaven Benefits

- Provides email and SMS alerts
- Provides real-time data updates
- Manages multiple interfaces and locations
- Results in less IT overhead and fewer support fees
- Enables customization via plug-ins
- Increases visibility for all stakeholders
- Enables events to trigger related events
- Eliminates double data entry

How to Get Started

Velos provides a comprehensive set of services starting with requirements gathering to designing, developing, testing and deploying various eMaven Agents. Committed to delivering innovation, Velos brings distinctive value with its end-to-end product development lifecycle solutions.

Take advantage of our free product evaluation and see for yourself the power of Velos.

For more information, please contact info@velos.com or 866.237.4449.
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