

## Solventum™ Connections Software

- Interfaces the Solventum™ 360 Encompass™ System and Solventum™ Coding and Reimbursement System (CRS) with the major health information and electronic health record (EHR) systems.
- Interfaces the Solventum™ Physician Coding and Reimbursement System with physician practice management and EHR systems.
- Uses site-specific configuration files to meet your interface needs.

### Taking a closer look

Today's healthcare computing environment demands that organizations connect many diverse information systems so that key data can be shared and used by multiple departments and facilities. Thanks to interfaces, data is interpreted from one computer system and translated into a format that is understood by another computer system. Interfaces can help reduce duplicate data entry, allow ready access to necessary data, and provide additional data sets to a wide variety of departments and computer systems.

### Solving your interface needs with momentum: Better interfaces, improved efficiency

Solventum Connections Software is used to transfer data from a health information system (HIS) or EHR to the Solventum 360 Encompass System and Solventum CRS and in turn transfers the coding, grouping and reimbursement results back to the HIS or EHR.

Solventum Connections Software is installed and configured as part of the installation of Solventum 360 Encompass and Solventum CRS. Once data is interfaced to another system, such as a billing system or HIS, you can quickly and effectively communicate coding, grouping and reimbursement results.

### Available application and communication options

Solventum Connections Software has two interface communication options for the Solventum 360 Encompass System or Solventum CRS:

- Web-to-web integration
- Basic dynamic link library (DLL)

The web-to-web integration is clientless and uses the default browser. The basic DLL integration requires the Web Bridge installation (Winapplink) and uses the Chromium Embedded Framework browser. The interface call from your HIS or electronic medical record (EMR) will initiate the Solventum 360 Encompass System or Solventum CRS and seamlessly move the patient data needed to code, group and produce useful edits and indicators for your professional coding team. Additionally, reimbursement calculations can be generated, and the Solventum Advanced Analyzer may be leveraged by your users to make the most of your clinical documentation.

### The simple approach: Web-to-web interface

JavaScript® and Java® applet are the two programming options available for communicating patient information from your web-based HIS or EMR to the Solventum CRS or Solventum 360 Encompass System. The web-to-web interface option supports the HL7 XML and XML formats. The most recent version called Web Component follows the Native Web Component Specification from W3C and is a streamlined and secure integration method.

## Basic DLL

This option uses a set of function calls to DLL files on your user's system (Winapplink) to integrate your EMR with the Solventum CRS or Solventum 360 Encompass System. This option uses a set of function calls to the Solventum DLL and supports proprietary tagged HL7 and XML formats.

## Solventum-hosted development environment

Solventum hosts the development environment for interface vendor business partners who use the Solventum Connections Software. The hosted environment helps business partners develop and test an interface but does not affect or require changes to the end-user configuration. The hosted environment includes:

- Solventum software updates for Solventum CRS
- Current version of the Solventum CRS product
- Test environment for pre-release testing

## How the interfaced coding system software works

Typically, Solventum's 360 Encompass System or Solventum CRS are interfaced to the HIS or EHR system and patient demographic information is passed from the HIS or EHR software to the coding system, so the coder does not have to enter the data. At the end of the coding process, the data generated during the coding session is passed back to the HIS or EHR system for storage in the patient record. The chart below describes the typical steps in this process.

System/software/data	Action/activity
HIS or EHR system	The coder launches a coding session from within the HIS or EHR system.
Vendor interface component	The vendor interface creates an input packet. This packet often specifies the product and grouper to be used and contains demographic information.
Input packet to the Solventum 360 Encompass System or Solventum CRS	The vendor interface makes the appropriate call to the Solventum 360 Encompass system or Solventum CRS and passes the input packet.
Solventum 360 Encompass System or Solventum CRS	The coder completes the coding session and groups the codes. An output packet is created.
Solventum 360 Encompass System or Solventum CRS output packet	The output packet is passed from the Solventum 360 Encompass System or Solventum CRS back to the vendor interface.
Vendor interface component	The vendor interface translates the coding system output packet and transfers the data back into the patient record in the HIS or EHR system.
HIS or EHR system	The coder is then taken back to the HIS or EHR system.



## Contact Solventum today

For more information on how our software and services can assist your organization, contact your Solventum sales representative, call us at 800-367-2447, or visit us online at [Solventum.com](https://www.solventum.com).



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