

Edifecs COTS Validation & Translation solution for CMS MACs

Data sheet

In order to make it easier for healthcare entities to exchange electronic information between providers and payers, Edifecs provides a Commercial-Off-The-Shelf (COTS) solution to Medicare Administrative Contractors (MACs) that is fully compliant with Center for Medicare & Medicaid Services (CMS) requirements.

Edifecs' solution satisfies the requirements laid down by CMS and enables MACs to successfully conduct business with Medicare in an efficient and streamlined manner.

Edifecs Solution

Key benefits

- Out-of-the-box support for all CMS required HIPAA transactions
- Support for future transactions such as 275
- Pre-built Levels 1-6 validation
- Pre-built maps to CMS required X12 flat file
- Support for handling both 4010A1 and 5010, including routing of 4010A1 to legacy system

Solution components

- Edifecs SpecBuilder
- Edifecs XEngine

System requirements

- **SpecBuilder (Design-Time):**
 - Windows XP, 2003, Vista
- **XEngine (Run-Time):**
 - IBM AIX Version 5L™ versions 5.1, 5.2, or 5.3 (64 bit)
 - HP-UX Version 11.11 (RISC 32/64 bit)
 - HP-UX Version 11.23i (Itanium 64bit)
 - Sun Solaris version 2.8 or higher (64-bit Opteron)
 - Linux RedHat Advanced Server version 3.0 or 4.0 (64-bit)
 - Windows XP, Windows 2003 Server, or Windows Vista (32/64-bit)

Problem Overview

CMS took the first step towards streamlining the Medicare part A and B claims by requiring that each MAC Local Data Center (LDC) support implementation and execution of a common edits module which will be provided by a CMS FISS (Fiscal Intermediary Shared System) contractor. This common edits module would validate all CMS-specific companion guide edits thus enabling all MACs to perform the exact same edits and reporting the same errors.

Figure 1 shows a schematic of the requirements as defined by CMS. The blue box, labeled "Translation," represents the common module for the COTS solution mandated by CMS.

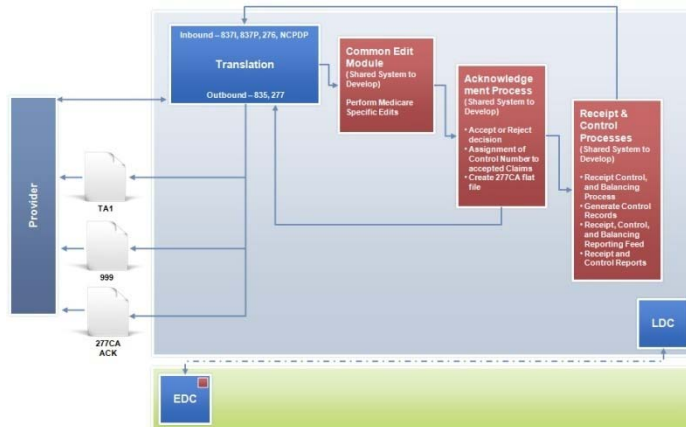


Figure 1: Front-end System
Source: CMS/MAC Working Session, June 2009

Edifecs' solution satisfies the requirements set by CMS for the COTS solution to provide :

- Support for inbound 5010 Transactions: 837I, 837P, 276, 275
- Support for outbound 5010 Transactions: TA1, 999, 277CA, 277, 835
- Pre-built edits for HIPAA transactions
- Relaxation of edits for outbound transactions to safety edits.

About Edifecs

Edifecs provides solutions that ensure compliance, improve quality, provide end-to-end visibility and enable real-time business intelligence for healthcare enterprises.

An industry leader since 1996, Edifecs has maintained a reputation for helping customers improve business performance by mitigating risk, reducing costs, and improving profitability.

Edifecs is committed to its customers' success and has over 300 healthcare customers and partners that include Blue Plans, Medicaid, State and Federal agencies, Healthcare Providers and most leading middleware stack vendors.

Edifecs is headquartered in Bellevue, WA. Company website: www.edifecs.com.

- Conversion of X12 to and from X12 flat file format
- Support for very large files and performance
- Support to split and route 4010A1 to legacy and 5010 to new system

The Edifecs Solution

The Edifecs solution is composed of two major components - a design-time component which is provided through the Edifecs SpecBuilder product and a run-time component which is provided through the Edifecs XEngine product.

Key Features

Highlights of the Edifecs COTS solution include:

- **Guideline Viewing, Editing and Testing of pre-built Edits:** Edifecs SpecBuilder comes with pre-built HIPAA standards which include levels 1-6 edits. User can further add/relax edits to meet their needs such as relaxing errors for outbound transaction. These changes can be tested in SpecBuilder using the Analyzer component. The Analyzer component can also be used for QA or problem resolution.

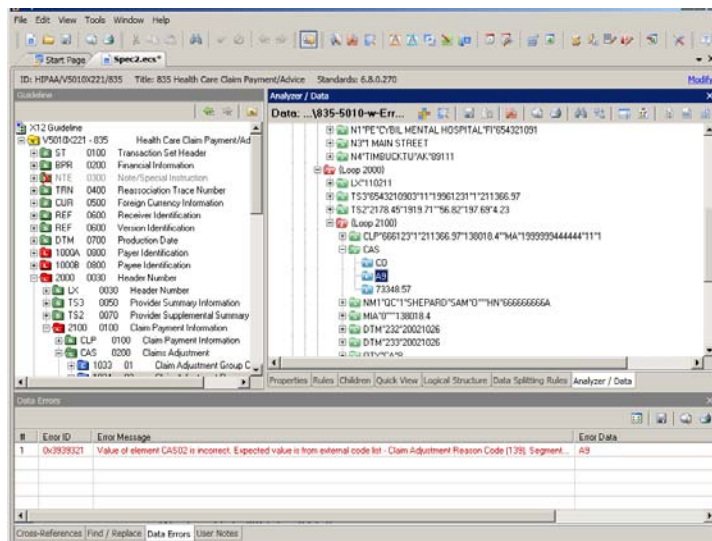


Figure 2: SpecBuilder Analyzer

- **Validation, Acknowledgement and Splitting:** Edifecs XEngine provides out-of-the box support for HIPAA validation, acknowledgments (TA1, 999, etc.), human-readable HTML reports and splitting between good claims vs. bad. Run-time engine can be used in generic Trading Partner (TP) mode if TP validation occurs prior to HIPAA validation or in TP-specific mode if sender / receiver ID, control number or other validation are required.

- Easy Customization and Testing of Pre-built Maps:** Edifecs COTS solution for MACs provides pre-built maps for conversion to and from X12 flat files. However, if further customization is needed it can easily be done using MapBuilder (Figure 3) component which is part of the design-time (Edifecs SpecBuilder) tooling. Maps can also be tested and debugged using MapBuilder.

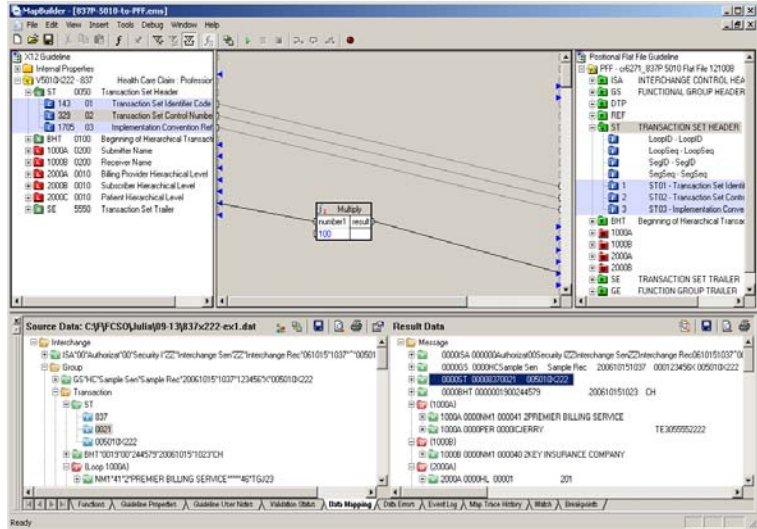


Figure 3: MapBuilder

- Easy Configuration and Integration:** The capabilities of the COTS solution allow it to be easily integrated into an existing environment. The Edifecs solution supports a wide variety of run-time operating systems and comes with large number of pre-built IN / OUT connectors (14 IN connectors and 15 OUT connectors). The connectors allow users to install and configure the run-time process without need to write any additional code. For example, X12 files can be polled for in the specified folder locations and result written to the specified folder location with customizable result names.

Next Steps

To learn more about Edifecs free COTS solution for MACs or other Edifecs solutions, please call (425) 452-0630 or email us at info@edifecs.com