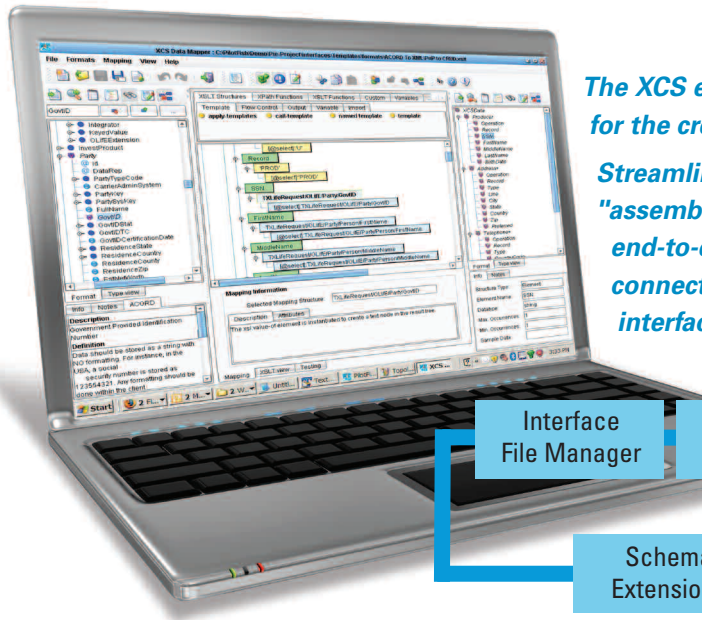


**FREE**  
License\* for ACORD  
Members  
(\$10,000 Value)

**XCS eiConsole for ACORD**  
Life, Annuities and Health



*The XCS eiConsole for ACORD is an integrated development environment for the creation, deployment, management and maintenance of interfaces. Streamline the development of integration solutions with a structured "assembly line" for the rapid, reliable and robust development of end-to-end interfaces, and leverage our extensive library of configurable connectivity, transformation and data manipulation components to interface with virtually any system, any data format — anywhere.*

Interface  
File Manager

XML  
Validation

File-to-XML  
Editor

Data  
Mapping

Schema  
Management

**INCLUDED COMPONENTS**

Schema  
Extensions

Schema  
Slicing

Connectivity  
Configuration

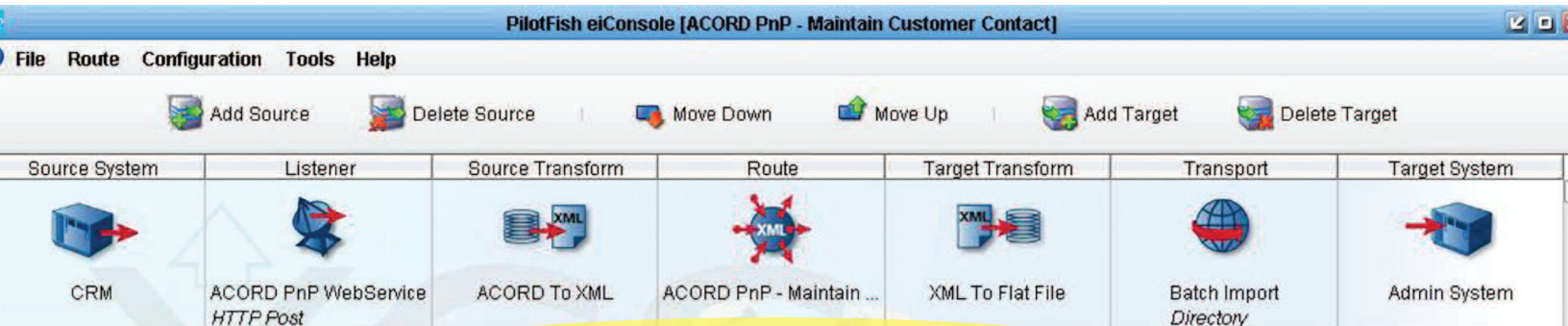
Integration  
Testing

**ACORD-Specific Functionality Not Available in Any Other Product**

The XCS eiConsole for ACORD has been designed specifically to support the unique requirements of the insurance industry and has features and functions not available in any other integration tools. Among them:

- On-line tutorials with step-by-step instructions for building and testing a sample ACORD XML interface.
- Templates for all ACORD Life & Annuity transactions, saving thousands of hours that would be spent reviewing implementation guides and custom defining transactions.
- The same, powerful validation engine used by ACORD's Testing and Certification facility. This component enables validation against not only the ACORD schema, but against implementation or transaction-specific business rules.

- A library of XML binding components for converting between XML and most other data representations, including COBOL copybooks, flat files, spreadsheets and delimited formats. Insurance-specific formats such as ACORD, DTCC, EDI and AL3 enjoy explicit support.
- An intuitive graphical Data Mapper that provides a "point, click, drag, and drop" means for mapping and transforming data between any two logical formats. ACORD-specific features offer unsurpassed productivity when mapping to or from ACORD XML (more on the XCS Data Mapper component inside).
- Support for the ACORD Web Services Profile (AWSP) and related web services security standards (W3C WSS), including XML Digital Signatures.
- Direct support for ACORD's Plug and Play.



*Easily configure your interfaces end-to-end using the XCS eiConsole's intuitive "assembly line" approach.*

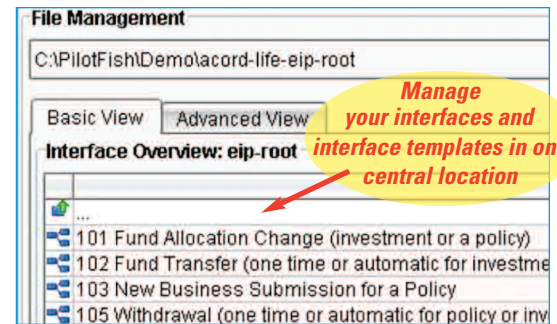
• One free license per ACORD member company. For complete details visit <http://www.acord.org/standards/implementation/pages/tools.aspx>

# Integrated Components –

## Configurable and Extensible for Rapidly Building End-to-End ACORD Interfaces

### XCS Interface File Manager

Are there multiple people at your organization working on interfaces? Are you worried about employee turnover? No problem. The Interface File Manager provides a single location from which to manage all of a company's ACORD or other interfaces. Since interfaces are implemented consistently, regardless of data format or connectivity protocol, anyone can step in at any time and maintain existing interfaces or configure new ones with no time lost.

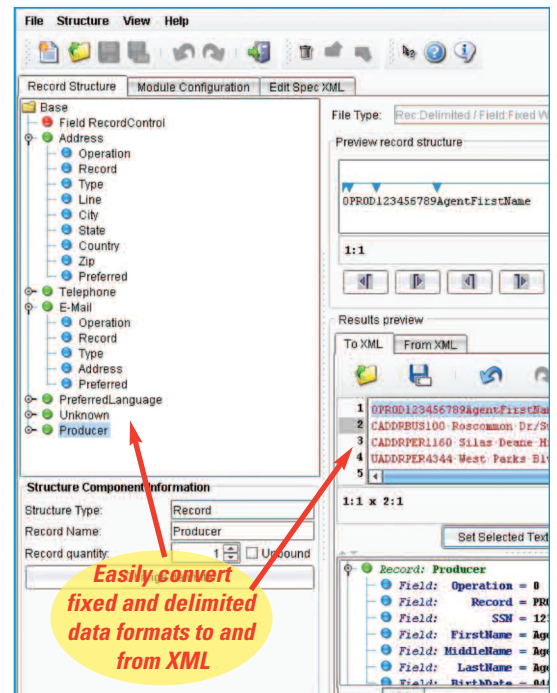


### XCS Validation

Are you tired of dealing with dirty data crashing your backend system? Are you spending too much time verifying XML feeds from partners? Streamline your process! This component allows you to codify all of the conditions that a message must meet to ensure that it can be successfully processed by the backend system(s). While most validation relies on XML schema alone, the XCS Validation Editor allows the developer to define arbitrarily complex business rules. This is critically important in ACORD implementations, where the requirements for a given XML element change based on the transaction type or element context.

### XCS File Specification (Spec) Editor

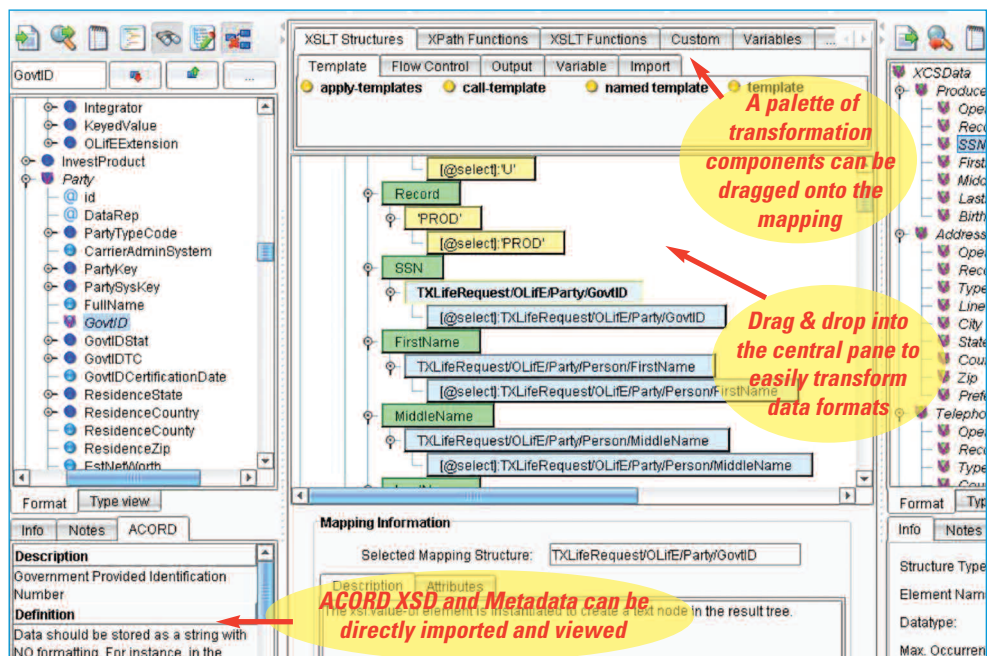
Do you have legacy systems and have to develop rigid, archaic code to allow them to handle XML? Or, do you have endless pre-processing and post-processing steps to compensate for their inabilities? The XCS File Spec Editor allows your legacy systems to deal with data in the fixed or delimited formats with which they are most familiar. It will also handle all of the conversions to or from an XML format, and can import file definitions from COBOL copybooks or spreadsheet-based specifications, as well as from DTCC, EDI or AL3 documentation. Definitions can also be graphically configured and validated in the File Spec Editor.



### XCS Data Mapper

Are your developers spending countless hours mapping to ACORD? Give them the tool that was built specifically to support the ACORD standard. The XCS Data Mapper can consume and display not only the unaltered ACORD Schema file, but also the Metadata file. This provides the user with the ability to navigate and map the full ACORD XML standard, with in line access to the latest ACORD field definitions and code lists.

The Data Mapper offers a unique 3-pane interface. First, load your source





# XCS eiConsole for ACORD Life, Annuities and Health

format on the left-hand side, and your target format on the right. Then, drag-and-drop the two together to develop your data transformation in the middle panel. Above the mapping panel sits a palette of transformation components that may be dragged onto the mapping to include looping and conditional logic, the mapping of tabular values, custom call-outs or any number of other data manipulations.

As the mapping is graphically manipulated, W3C-compliant XSLT is created in real-time. The developer can switch between editing the graphical transformation tree and the syntax-highlighted XSLT view at any time. This combines the convenience of drag-and-drop with the power of a full-fledged, computationally complete programming language. Other features include:

- The ability to import both ACORD XSD and ACORD Metadata - eliminating the need to search external sources for documentation necessary for the data mapping process.
- Searchable documentation for any version of the ACORD schema, including new releases.
- "Drag & drop" mapping of typecodes (Life & Annuity), and codelists (Property & Casualty).
- "Point & click" support for role-based relations.
- Simplified management of repeating elements, such as "Party", which have different meanings in different contexts.
- "Point & click" support for ACORD TXLife and PCS extension mechanisms.

**Typecodes are automatically imported for easy access & reference**

Code	Name	Description
4	OLI_HOL...	Holding
40	OLI_CRIT...	Criteria
400	OLI_INCO...	IncomeOptionCC
401	OLI_INCO...	IncomeOptionInfo

**Tabular code mapping**

Mapping name : LOBMapping

Source values	Target value
ANNUTY	2 - Annuity
HELTH	4 - Health Insurance
LIFE	1 - Life
	0 - Unknown
	1 - Life
	2 - Annuity
	2147483647 - Other
	3 - Disability Insurance
	4 - Health Insurance
	5 - Long Term Care
	6 - Superannuation
	7 - Critical Illness
	8 - Property and Cas
	9 - Medicare Supple

Default value : 0 - Unknown

Add Edit Delete

Use internal XSLT template

**Tabular code mapping right at your fingertips**

## Schema Management

Are you dreading new ACORD Schema releases? Now you can easily upgrade from one release of the ACORD standard to another with just a few mouse-clicks.

The Data Mapper component within the XCS eiConsole for ACORD facilitates performing all the tasks associated with ACORD XSD/Schema Management. A simple dialog window allows you to specify the location of the ACORD XSD and Metadata. Once you click "Read Format", within seconds the schema is loaded into the Source or Target tree. Right-clicking on a given type node provides the ability to add XML elements or XML attributes to the model. Dialog boxes, with just a few

**Easily perform schema extensions and schema slicing in just a few clicks**

Format Type view

Info Notes ACORD

**Description**  
Government Provided Identification Number

**Definition**  
Data should be stored as a string with NO formatting. For instance, in the USA, a social security number is stored as 123554321. Any formatting should be done within the client applications. South Africa is following these same rules. In Australia, for the case of an organization, the string should be formatted as Prefix of ID type and the number unformatted. Example: an ABRN code of 1234567 should be written as 'ABRN1234567'. In Australia for

- Open Source Format...
- View Source Sample Data...
- Manage Filters for Source Tree...
- Manage Notes of Source Format...
- Source - Find Next Instance
- Import Extensions To Source format...
- Import Notes To Source format...
- Extend Source Format

- Edit Selected Node
- Move Format Node UP
- Move Format Node DOWN
- Delete Selected Structure
- Perform Schema Slice
- Slice format by current
- Save source format as ACORD
- ACORD\_NAVA

steps, allow you to easily add Target Attributes, Target Fields, Target Elements and Slice the format. The XSD/schema management facility can also be used to document or annotate the schema.

### Schema Extensions

Are you feeling the pain of migrating between different versions of the ACORD schema? With our tools, when schema extensions are saved, a record of changes to the XSD is maintained. This allows the changes to be "re-played" and re-applied to the upgraded schema version. New ACORD extensions (or any other) can be automatically added to the latest version of a standard so long as the version maintains the basic XML structure of the previous version.

### Schema Slicing

Do you find the full ACORD schema unwieldy? Not only are such large and comprehensive schemas challenging to navigate, but they can cause automated processes - such as those consuming WSDL files, code generators or XML Binding utilities - to fail. A common solution to this problem is to create sub-schemas for ACORD or to perform schema slicing from the larger base definition. The XCS eiConsole allows the user, in a few clicks, to create a subschema from a sample XML document, XSLT mapping or customized view.

### Connectivity Configuration

Are you receiving and transmitting data over many different protocols? Are you forced to support many tools to compensate for the varying connectivity capabilities of your systems? The XCS eiConsole includes a library of easy-to-configure adapters to mediate between any two protocols. With our Listener and Transport components, you can connect to any Source or Target system. Whether you are exposing a real-time web service or initiating a scheduled batch process, you're covered. When sending data to a target system, the same rule applies. Large asynchronous transfers and high volume synchronous service calls are managed with ease. In the rare case where our library of components is not enough, the list of supported protocols is readily extended by a robust, yet simple Java API.

### Integration Testing

Are you bogged down with all the endless emails and calls related to your testing? The eiConsole allows you to perform inline end-to-end integration testing of developed interfaces prior to deployment with detailed error messages of any failed stages for easy analysis within the XCS eiConsole. You can actually connect to remote systems directly from the XCS eiConsole to test the all connections, as well.

