



## Objective Systems Announces New Software Releases

Objective Systems Inc., a leading developer of software to support open communications standards, announces the release of new and updated versions of several of its software products.

All of the products support Abstract Syntax Notation One (ASN.1) and its encoding rules. From Wikipedia, ASN.1 is “is a [standard](#) and flexible notation that describes [data](#) structures for representing, [encoding](#), transmitting, and [decoding](#) data. It provides a set of formal rules for describing the structure of objects that are independent of machine-specific encoding techniques and is a precise, formal notation that removes ambiguities.”

[ASN1VE](#) version 2.1 is an update release of the ASN.1 Viewer/Editor product. This is a cross-platform, graphical user interface (GUI) editor that allows ASN.1 messages to be created, viewed, and edited. New in this release is the support for the ASN.1 packed encoding rules (PER) as well as the capability to create and save projects and an improved hex editor.

[ASN2XML](#) version 2.1 is an updated release of the ASN.1-to-XML translation tool. This command-line tool allows data encoded in ASN.1 binary form to be translated in readable Extensible Markup Language (XML) text form. New in this release is full streaming support for improved performance, support for messages encoded using PER, and a DLL component version of the product for embedding in user application programs.

[ASN2CSV](#) is a new product similar to ASN2XML but for converting ASN.1 to comma-separated-value (CSV) format. This product is primarily targeted at users who work with various telecommunications Call Detail Record (CDR) formats that are expressed in ASN.1 form. The tool can convert these documents into a simplified CSV form to facilitate insertion into a database,

Evaluation software for all products can be freely downloaded from the company website.

## About Objective Systems

Objective Systems is a privately held company in Exton, PA whose mission is the development of standards-based software to support open interconnection standards. Objective Systems offers products that primarily support Abstract Syntax Notation 1 (ASN.1), XML, and other standard message formats. The company also offers custom development and training services in support of its products.

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