

# IEDSmart Release Notes

Version 2.1.0

Build 31

September 23, 2016



## **Applied Systems Engineering, Inc**

1671 Dell Avenue, Suit 200,

Campbell, California.

Ph: (408) 364-0500

**Web Site:** <http://www.ase-systems.com>

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## Introduction

This release notes cover release information of the IEDSmart. The release notes contain the following sections:

- Features of IEDSmart 2.1.0
- Environment - Hardware and software requirements.
- Installation and configuration information.
- Known restrictions and limitations.
- Release details of previous versions.
- Documentation.
- Global Support.

### Documentation Conventions

The documentation conventions followed in the document are as follows:

-  Denotes date of release.
-  Denotes newly added features.
-  Denotes bugs fixed.

## Application Version History

The following table gives the application version history.

Version	Date	Details
1.0.0	March 3, 2008	Primary Version
1.1.0	October 22, 2008	Supports SBO, added GOOSE subscriber.
1.2.0	November 11, 2008	Server updated to SISCO's 5.10 stack.
1.3.0	December 16, 2008	Added event generator.
1.4.0	December 20, 2008	Added MAC address based license.
1.5.0	January 1, 2009	Enhanced SGCB module, added Auto run option.
1.6.0	January 5, 2009	Enhanced Watch window options.
1.7.0	February 2, 2009	Added network card selection, bug fixes in the GOOSE module.
1.8.0	June 1, 2009	Bug fixes in SCL parsing module.
1.8.1	July 5, 2009	Added more logging options.
1.8.2	August 20, 2009	Bug fixes.
2.0.0	November 22, 2013	Added CSV, Script based simulation
2.1.0 Build 29	August 22, 2016	Added Sentinel licensing
2.1.0 Build 30	September 22, 2016	Updated About window
2.1.0 Build 31	September 23, 2016	Updated About window

### Features of IEDSmart 2.1 Build 31



- Update About window

### Features of IEDSmart 2.1 Build 30



- Update About window

### Features of IEDSmart 2.1 Build 29



- Added Sentinel licensing

### Features of IEDSmart 2.0



- Added CSV simulation
- Added Script based simulations
- Bug fixes

### Features of IEDSmart 1.8.2



- User can load SCL/ICD/CID files which follows standard IEC61850 schema to simulate server configurations.
- Multiple domain support inside an IED.

- Tree view of the IEC 61850 variables.
- GOOSE publisher as per SCL GOOSE control blocks.
- GOOSE subscription as per SCL GOOSE control blocks and CID's private information.
- User can view Settings Group Control Block (SGCB) information.
- Network card selection from the available list of Ids for GOOSE.
- Event generation for the user configured IEC 61850 variables.
- File based license.



August 2009



- Fixed issues with File Service module.

**Environments**

This section specifies the hardware and software requirements to run IEDSmart.

**Hardware Requirements**

The hardware requirements are stated as follows.

Requirement	Description	
	Required	Recommended
CPU	Pentium 3, 1 Giga Hertz (G HZ) processor	
Port	USB.	
RAM	512 MB	

*Table 1: Hardware Requirements*

## Software Requirements

The software requirements are stated as follows.

Requirement	Description	
	Required	Recommended
Operating System	Windows XP, Windows 7, Windows 8, Windows 10	Windows 7
Dotnet Framework	.NET Framework 3.5	

*Table 2: Software Requirements*

## Installation and Configuration Information

For installation, and configuration information specific to this product, refer to the IEDSmart User Manual.

## Release Details of Previous Versions

### ● IEDSmart Version 1.8.1



July 5, 2008.



- Added more logging options.

### ● IEDSmart Version 1.8.0



June 01, 2008



- Fixed issues with SCL parsing module.

## Documentation

- We provide the User Manual (PDF) version along with the installation package.

## Global Support

- Contact: [support@ase-systems.com](mailto:support@ase-systems.com) for further clarifications and details.



## List of Abbreviations

CID: Configured ICD Description.

ICD: IED Capability Description.

IED: Intelligent Electronic Device.

LN: Logical Nodes.

MMS: Manufacturing Message Specification.

SCD: Substation Configuration Description.

SCL: Substation Configuration Description Language.

SLD: Single Line Drawing.

SSD: System Specification Description.