# FEATURE UPDATE

## SCS-VR
## December 2015

## Version 1.4.0 Software Update

SCS-VR is now being manufactured as Version 1.4.0 (12/14/15) and contains the following update.

## Features

## 256-bit Encryption

SCS-VR now supports 256-bit AES encryption. Before SCS-VR can accept 256-bit encrypted messages for panels, the following steps must be performed to properly configure Java on the SCS-VR computer.

1) Download the **Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files** compatible with your version of Java.

    a. The files for JRE8 can be found at http://www.oracle.com/technetwork/java/javase/downloads/jce8-download-2133166.html

    b. Before downloading the files, agree to the Oracle Binary Code License Agreement for the Java SE Platform Products, which covers exporting any product that supports greater than 128- bit encryption.
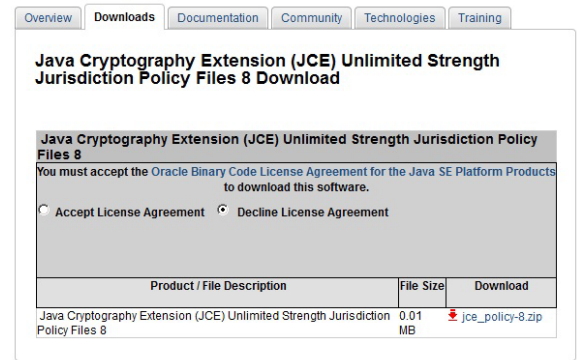
2) Extract the policy files to the appropriate folder in the Java directory.  Typically this is located at: Program Filesx86/Java/jre8/lib/security.
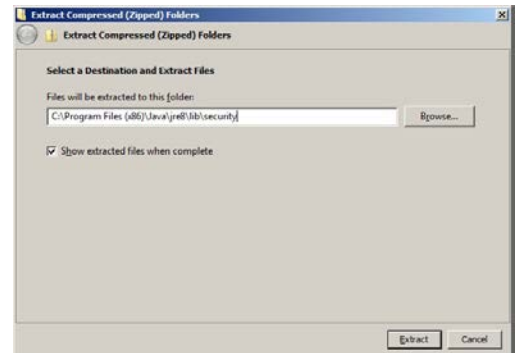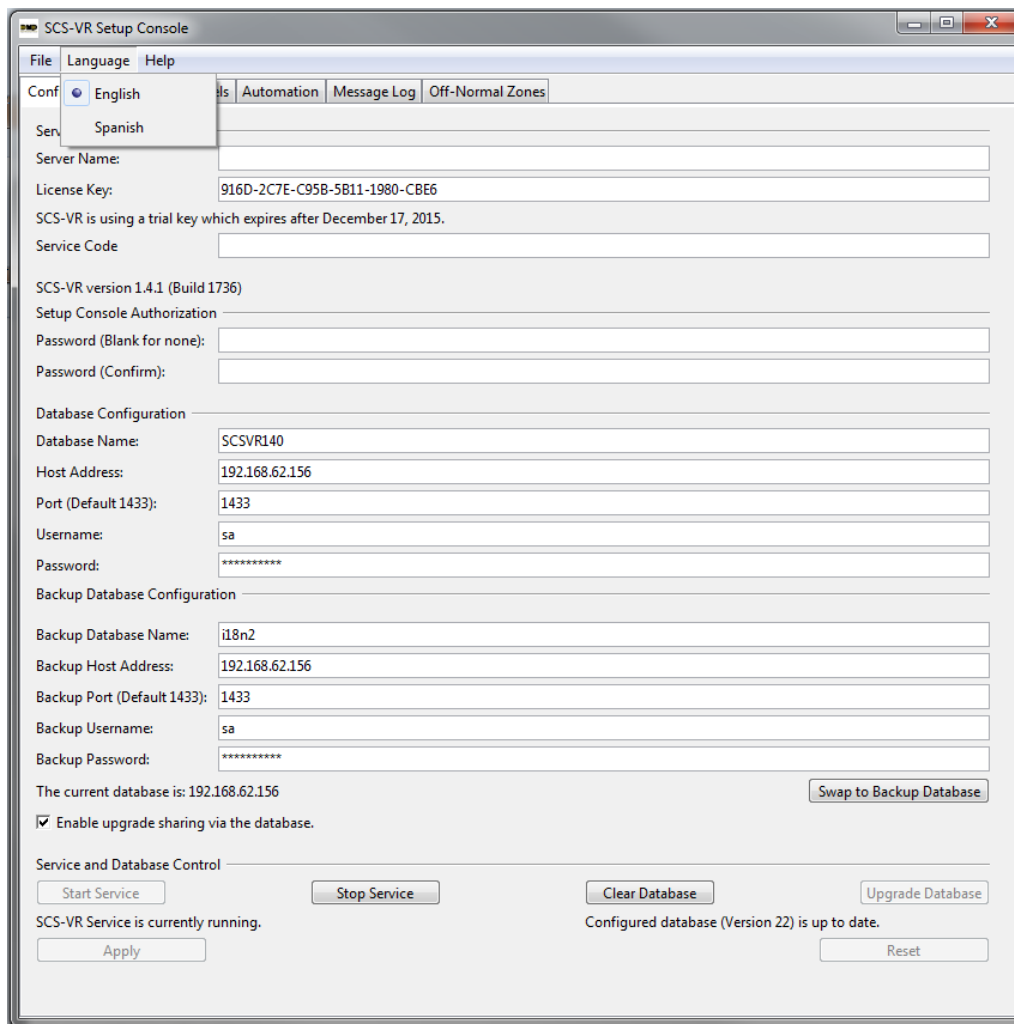
3) Update SCS-VR using the SCS-VR installer.

## Language Menu

SCS-VR now supports multiple languages. Click on Language from the menu bar. Language options of English and Spanish are displayed.  All menus will be displayed in the language option chosen.



# Updated Operation

## Time Change

When the time zone setting of the SCS-VR or SQL database computer was changed, a System Message 16 Panel Not Responding may have been incorrectly logged for some panels.

## XT Series Network Communication

### Opening and Closing Messages

Previously, when an XT Series Control Panel sent multiple opening or closing messages, SCS-VR would only accept one message per TCP connection. SCS-VR now accepts multiple messages in a single TCP connection.

### Receiver IP 1 and 2

When an XT Series Panel was programmed with two separate SCS-VR receivers as the first and second IP addresses of Receiver 1, SCS-VR would incorrectly close connections rather than waiting for the panel to close the connection. This caused the panel to unnecessarily switch between the first and second IP addresses.