WEI™ Technical Specifications

# Introduction:

WEI™ is a middleware product designed to mitigate OFAC risks associated with Chinese Telegraphic Codes (CTC) for your institution. WEI™ is designed to monitor, screen, reconcile, audit and generate reports on messages that contain CTC. WEI allows easy integration with your preferred OFAC solution. It intercepts incoming messages, automatically identifies the presence of CTC and translates them to English, before sending transactions for OFAC screening. WEI manages the workflow seamlessly so that no changes are required to your payment system or your OFAC filtering software.

# Workflow:

The following are the main components in the software:

1. WEI™ Service: A windows service that automatically identifies CTC within messages. The translation of CTC to English is a two step process shown below:

* CTC to Chinese (Simplified or Traditional depending on the configuration)
* Chinese to English using third party translators like Google or Bing.

The English translation is embedded into the original message and sent to the OFAC filtering software. Only messages that have no OFAC hits will be relayed back to the payment system without the translation. Messages that are confirmed OFAC Hits will be notified to the payment system.

1. WEI™ Dashboard: A web interface that provides the ability to view messages that have been processed through WEI™ service along with their current statuses. WEI ™ dashboard provides message reconciliation, management reports and detailed audit trail.

The following diagram depicts the workflow in WEI™.



# WEI ™ Architecture



# Interface Requirements:

1. Internet Connection on the server where WEI™ software is installed.
2. Google or Bing API Site Key registration. T
3. Authentication details for proxy if enabled on the server.

# Supported Operating Systems:

##### Server

* Microsoft Windows 2003 Server and above (32 bit Operating System)

##### Client

* Microsoft Windows 2003, XP or Vista (32 bit Operating System)

# Minimum Hardware Requirements

##### Server

* Windows 2003, minimum of 1 GB RAM recommended
* At least 5 GB of available space on the hard disk
* CD-ROM or DVD-ROM drive
* Keyboard and a compatible pointing device
* Video adapter and monitor with Super VGA (1024x 768)or higher resolution

##### Client

* Windows XP, Windows Vista with minimum of 1 GB RAM recommended
* 17" Monitors with a minimum of 1024 x 768 resolution
* Any Windows supported network to connect to the server
* Keyboard and a compatible pointing device
* At least 1 GB of available space on the hard disk

# Pre-Requisite Software

##### Server

* Database Software
  + Microsoft SQL Server 2005 SP2 or above
* Internet Information Server 6.0
* .NET Framework 4.0
* Internet Explorer 8.0 or above. We need this for detecting proxy details and for adding Google or Bing as a trusted site.
* Downloading of signed ActiveX controls enabled
  + Running of ActiveX controls enabled
  + Active scripting enabled
* IE 8 Managed Add-on Feature to be enabled.
* Chinese font’s package installed on the server. Install files for East Asian Languages which includes Chinese, Japanese and Korean from Windows Operating system CD.

##### Client

* Internet Explorer 7.0 or above
  + Downloading of signed ActiveX controls enabled
  + Running of ActiveX controls enabled
  + Active scripting enabled
* IE 8 Managed Add-on Feature to be enabled.
* Chinese font’s package installed on the server. Install files for East Asian Languages which includes Chinese, Japanese and Korean from Windows Operating System CD.