Technical Information of EDI VAN Automation Tool

Introduction :

EDI VAN Tool allows aria to handle the communication between Aria EDI application and Clients VAN in a efficent way better than batch files.

EDI VAN Tool is a WPF & .Net based tool, It connects to the target Client SQL master database

And get all Profiles which is setuped to this client and represent it in a simple Grid listview.

It allows user to select the needed networks to be executed [Download- Upload -Archive].

Application Prerequisites:

* .Net Framework version 4.5
* FIX 303783

EDI VAN Main components :

1. EDI\_VAN.exe.
2. EDI\_VAN.exe.config. [Allow us to configure the SQL server connection string And Email settings]
3. Network Profiles table.

How EDI VAN Tool works:

* Firstly EDI VAN tool have an argument (Client system files path) it connects to System files and identify and get the client ID from “Client\_Settings.xml”.
* Using the client ID & EDI\_VAN.exe.config, It connects to client master database in SQL server and retrieves all data in Network\_Profile table.
* Represent retrieved data in a Listview, Allowing the user to select needed profile to (download- upload- archive) Row files.
* After selecting the needed profiles user have two options “Run”, “Cancel” buttons.
* Run button Automatically (Download- Upload- Archive) each selected profile.
* While uploading any file if it fails for any reason the tool retries up to 5 Times, And if it still fails, it terminated the process of Archiving and leave that file at the outbox folder, Also it send Mail to a mentioned stakeholders on the EDI\_VAN.exe.Config
* Then it Log each outgoing file into its record in EDILIBHD.

Installation Guidelines:

* Make sure that .Net Framework version 4.5 on all Application servers.
* EDI\_VAN.exe & EDI\_VAN.exe.config Should be installed on Shared\Aria3edi Folder on each Application Server.
* Install Fix E303783 (ERP Fix), Which add a new field on EDILIBHD “VANLOG”.
* Run the below script to Create Network profiles table:
* CREATE TABLE [dbo].[NetworkProfiles](
* [ClientID] [nvarchar](50) NOT NULL,
* [NetWorkID] [nvarchar](50) NOT NULL,
* [SiteName] [nvarchar](50) NOT NULL,
* [URL] [nvarchar](50) NOT NULL,
* [UserName] [nvarchar](50) NOT NULL,
* [Password] [nvarchar](50) NOT NULL,
* [InComingFileName] [nvarchar](50) NOT NULL,
* [OutGoingFileName] [nvarchar](50) NOT NULL,
* [NetworkOutGoingFileName] [nvarchar](50) NOT NULL,
* [NetworkInboxFolder] [nvarchar](50) NOT NULL,
* [NetworkOutboxFolder] [nvarchar](50) NOT NULL,
* [CompanyID] [nvarchar](100) NOT NULL,
* [EDIClientPath] [nvarchar](100) NOT NULL,
* [EDIOutboxPath] [nvarchar](100) NOT NULL,
* [EDIClientDBFSPath] [nvarchar](100) NOT NULL,
* [EDIFTPHistoryPath] [nvarchar](100) NOT NULL,
* [EDIArchiveProgramPath] [nvarchar](100) NOT NULL,
* [PostTransferCommand] [text] NOT NULL,
* [PreTransferCommand] [text] NOT NULL,
* CONSTRAINT [PK\_NetworkProfiles] PRIMARY KEY CLUSTERED
* (
* [NetWorkID] ASC,
* [CompanyID] ASC
* )WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]
* ) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]
* Convert Client Batch file network to records on the Network Profile.
* For each network insert a new record
* Finally, Create a shortcut from EDI\_VAN and pass the client sysfiles as an argument.