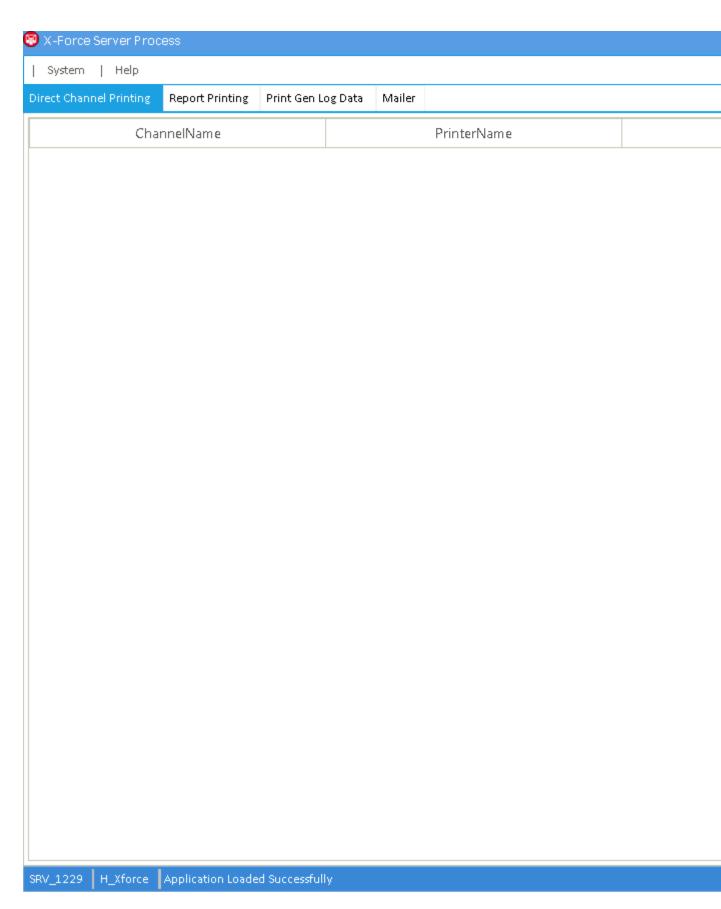# X-Force Server Application

X-Force Server application will send Mail to the desired recipient mention in mail configuration. This application will keep watch on mail Folder inside the alarm suite and send mail as it will found any mail file in mail folder. This application will read mail content from .XML file to send a mail Via SMTP or outlook. Mail can be done for Communication connectivity loss, report mailing, auto reports mail, mail for Critical condition etc. will be done by X-Force server Application.

Server application also Display Mailer details, Direct Channel Printing details, Report Printing details and Print Gen Log Data details.
· To view Mailer details, click on Mailer tab and you can view all the Mailer details.
· You can view all the details by clicking on that details tab.
· To Exit the system, go to system menu and select Exit option.
· To open Help, go to Help menu and select View Help menu.

After doing proper database configuration, below Main screen of the Server Application will be displayed.

X-Force Server Process		
	System	Help
Direct Channel Printing	Report Printing	Print Gen Log Data	Mailer
ChannelName	PrinterName	

SRV_1229 | H_Xforce | Application Loaded Successfully

Splash Screen

User can find this applicatio in AlarmSuite folder. By running this application user will see a splash screen with progress bar :

Splash Screen: A splash screen is a graphical control element consisting of a window containing image, a logo, and the current version of the software.
Splash screen typically used for notify the user that the program is in the process of loading. They provide feedback that a process is underway. Occasionally, progress bar within the splash screen indicates the loading progress. A splash screen disappears when the application's main windows appears.

Splash screen progress bar percentage wise list of application processes are as below:

10% - It will check that application directory having sufficient privilege or not. Application will close with "You have not sufficient privilege to directory." Message if application doesn't have sufficient.
20% - It will check that application having valid license or not, if application not having valid license then application will close with "License file does not exist. Please contact SSM InfoTech Solutions Pvt. Ltd. to get the valid license." Message.
40% - It will create one XML file with name xmlConnectivityFile.xml for database connectivity information. If user has stores this information previously than it will not ask again for connection properties.
50% - It will check application's version. If version is not correct than it will display a dialouge box for wrong version configuration and after click on ok applicdation will exit.
60% - It checks the priority of server application.
90% - It will check for server configuration.If it is not done than it will display error message "No Server Configuration Found. Please first do the server configuration from X-Force Alarm Web" and then application will exit. If Last Login date is null than it should set currentdate. Lastlogindate must be smaller than current date otherwise it will display error message "License Validity of this application has expired. Kindly contact SSM Infotech for License Renewal." and application will exit
30%,70%,80% - It is not having any process right now, in future if any feature are added then it will be used for that.

Application will start.

Database Configuration

Below are the parameters for database configuration.

- Server Name   : Name of the SQL Server / instance
- User Name   : Name of the User
- Password   : Password of the SQL Server for the given user
- Configuration Database   : Configuration database name
- Database Name   : Data database name

Pre-Requisite

Before starting configuration of X-Force Server Application, firstly we need to do major configuration.

1) Give Every One Rights to the folder where X-Force Server Application is installed. if user does not give sufficient privilege to the directory then application will exit automatically.
2) User have to Keep License file Named "ssmxforce.lic" in the root folder where application is installed. if there is not license file in the root folder or license file is not valid or expired application should exit automatically.
3) If any configuration is saved previously then application should load that configuration by default.

Direct Channel Printing

This feature is used to throw data to another printer as it is which has fetched from capture application.
If user wants to throw data from capture process to another printer than user needs to do Direct channel printing configuration in web.
User can have only serial printer option, it is not working with Ethernet printer yet.

Report Printing

Print Gen Log Data