BlueStar Notification Server

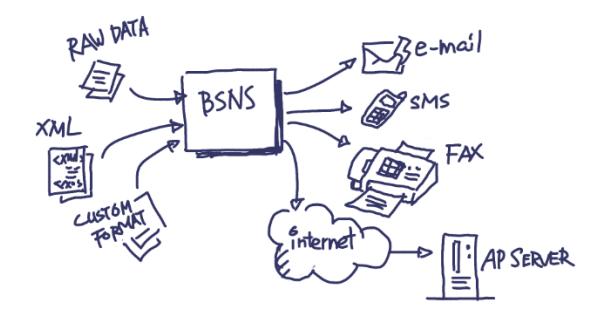
build: 2014

Outline

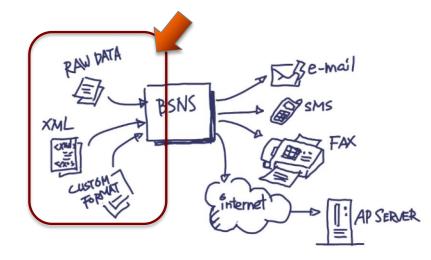
- What is BSNS?
- Features
- Look Inside
- Technology Stack
- System Requirements

What Is BSNS?

 BlueStar Notification Server (BSNS) is a platform designed for message generation and delivery



- Supported Input Format
 - -XML
 - RAW Data (with various Encoding, such as:
 - EBCDIC
 - Unisys
 - ASCII, big5
 - Unicode)

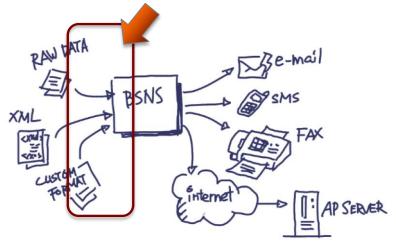


- Supported Input Channels
 - UNC
 - $-FTP^*$

Web Service*

or other channel such as MSMQ, IBM MQ, TIBCO ESB... etc.

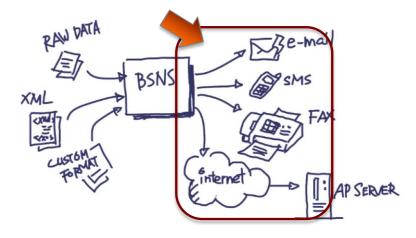
 * may require customization depending on security policy and other environmental issues



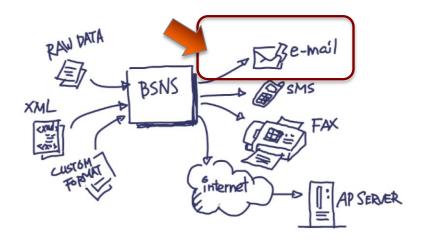
- Supported Delivery Channels
 - E-mail (SMTP)
 - HTTP
 - SMS*
 - $-FAX^*$
 - Web Service*

or other channel such as MSMQ, ... etc.

* Required customization depending on vendor spec

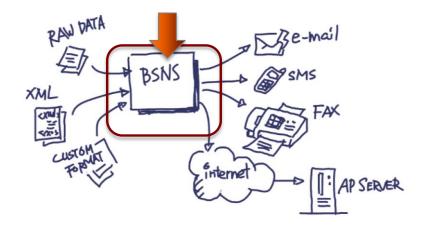


- Supported E-mail Attachment Format
 - HTML
 - -XML
 - Plain Text
 - PDF^{1,2}
 - ZIP^1

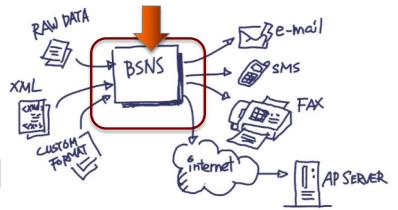


- 1. with password protection
- 2. generate using form-fill or draw directly

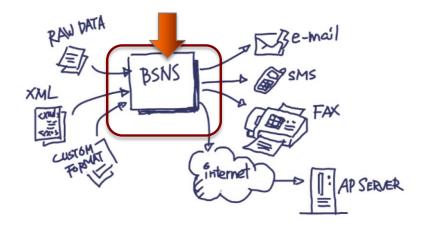
- Data Transformation
 - XSLT
 - For Standard XML
 - PDF Form-Fill
 - PDF Direct Draw
 - Flat File To XML
 - via BlueStar Integration Server



- Flow Engine for Data Processing
- Customizable Processor
- Processors Run In Parallel
- Web-based Management And Monitoring Tool (Portal)

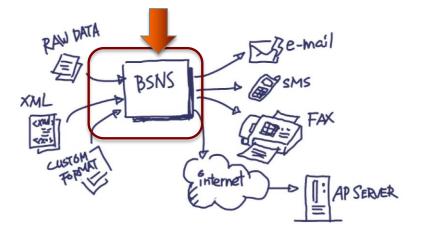


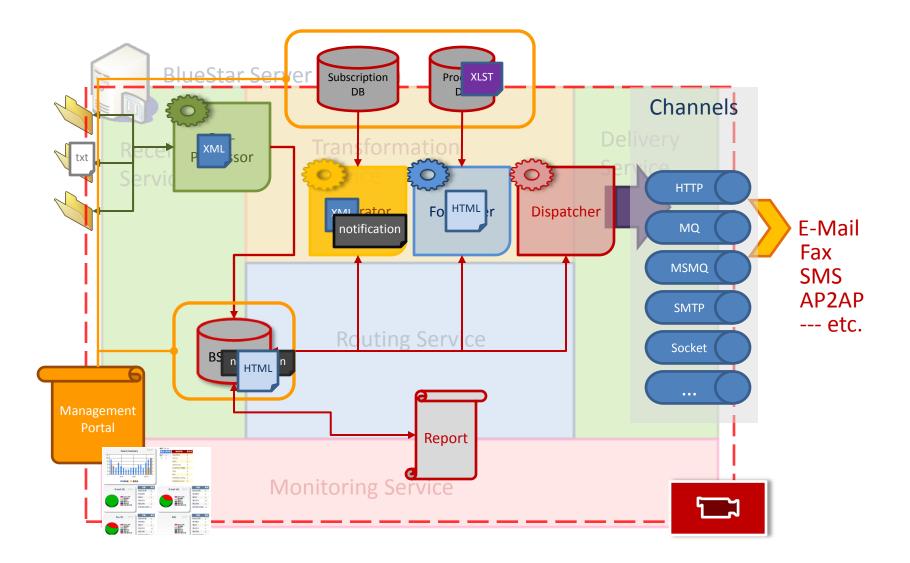
- Supports Visual Studio
 Development
 - Code Snippet (C#)
 - File Handler Project (C#)

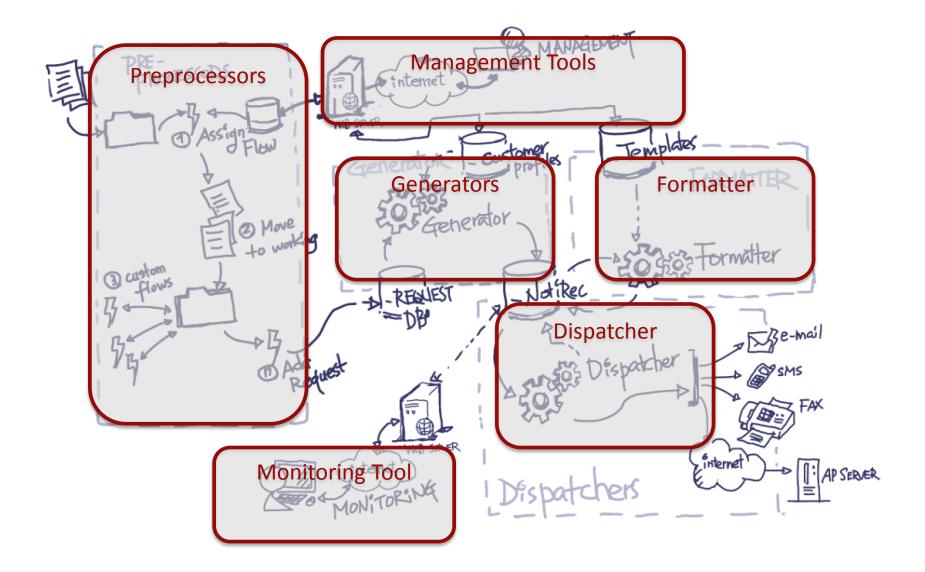


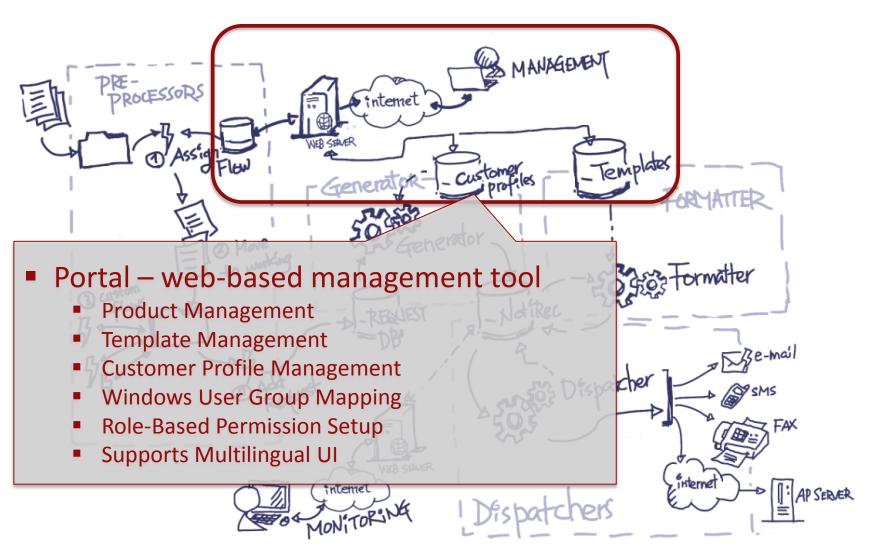
 Leverage log4net Logging Mechanism

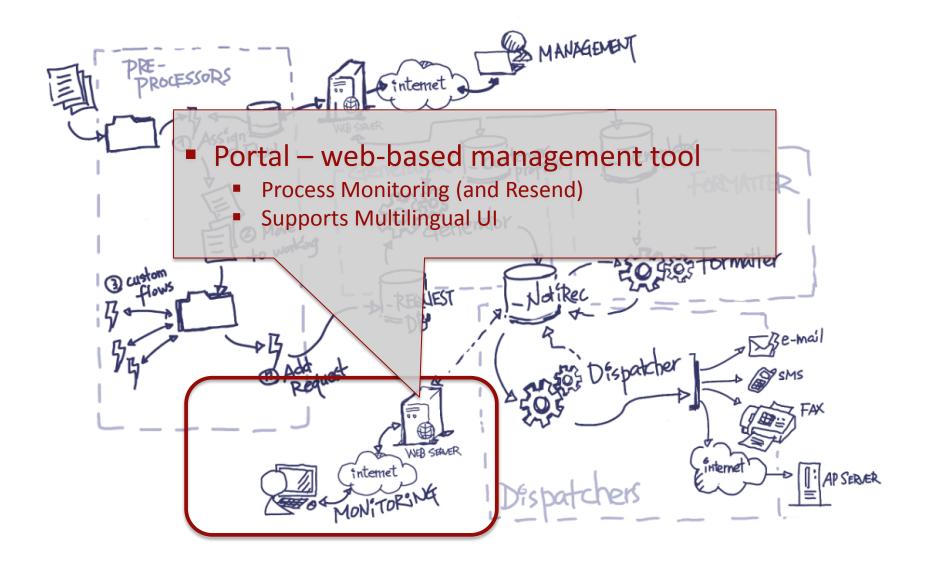
- Security
 - Integrate Windows
 Authentication
 - Role-based Management
 - Supports Windows User
 Group Mapping

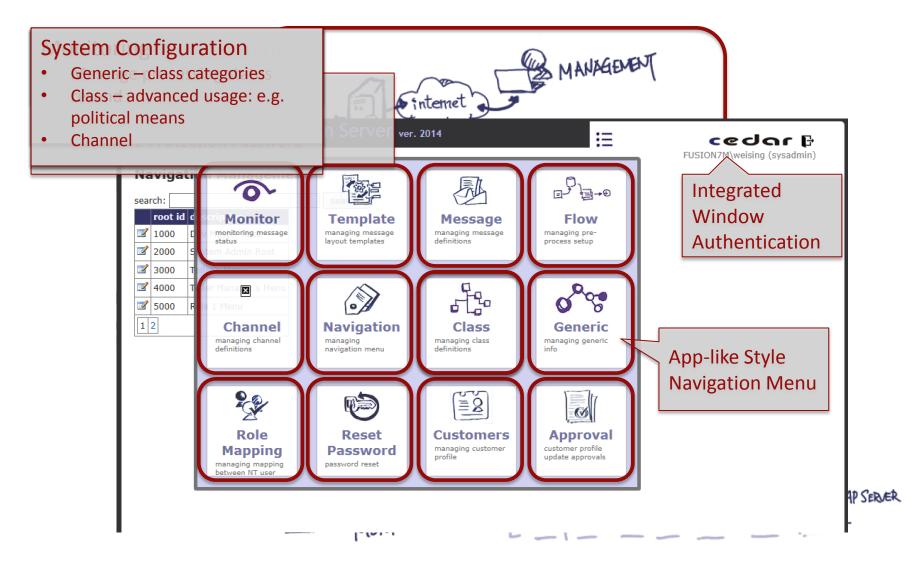


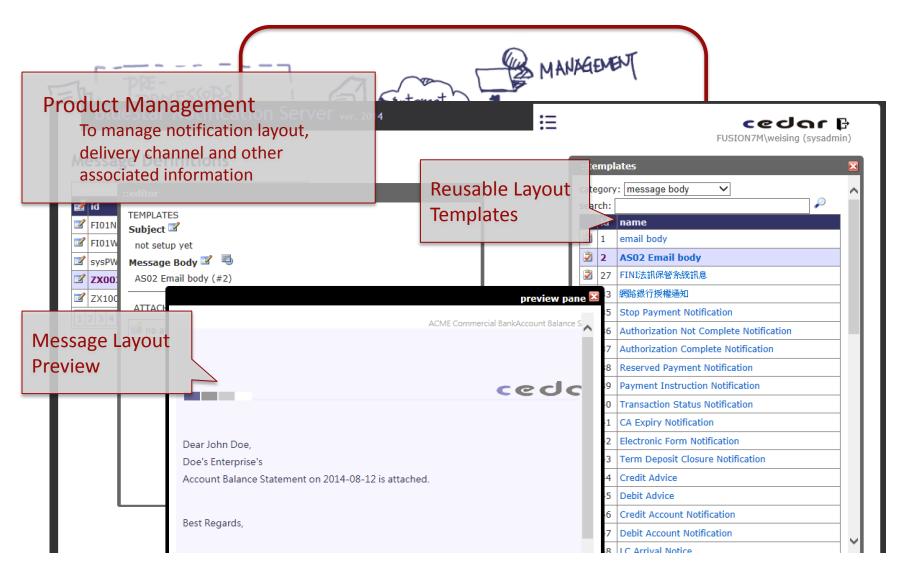


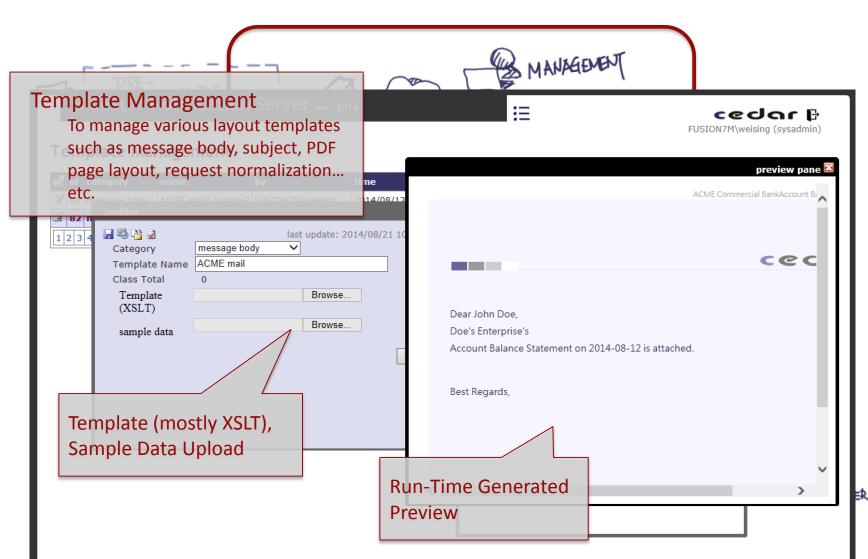


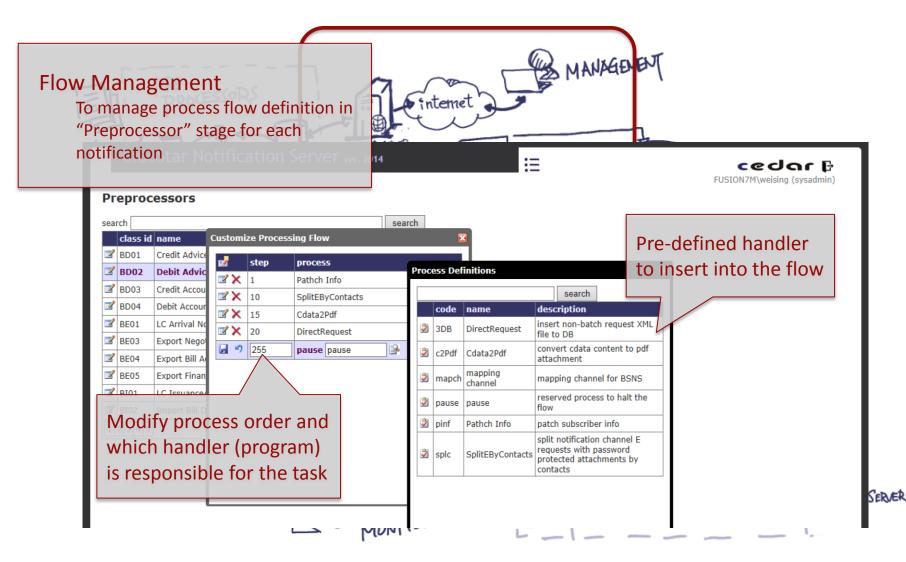


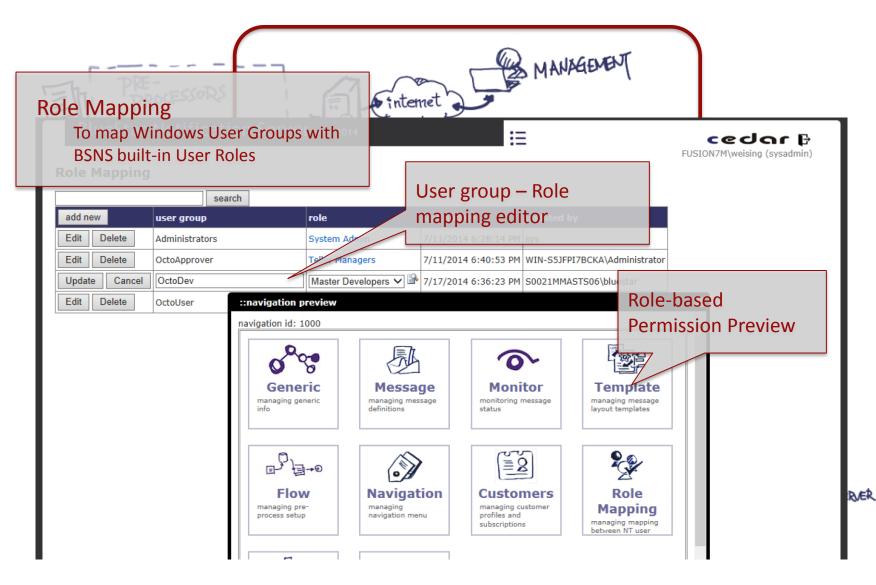


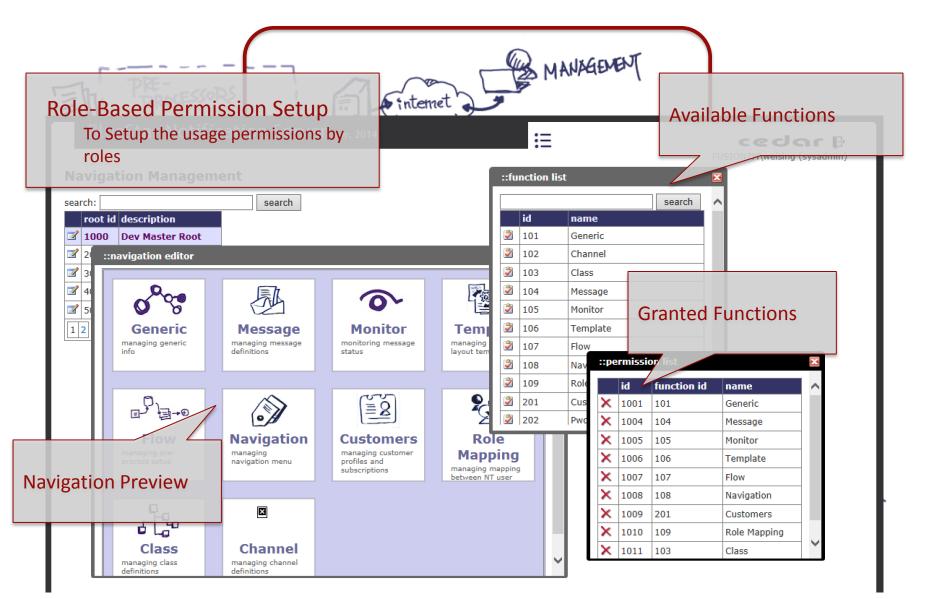


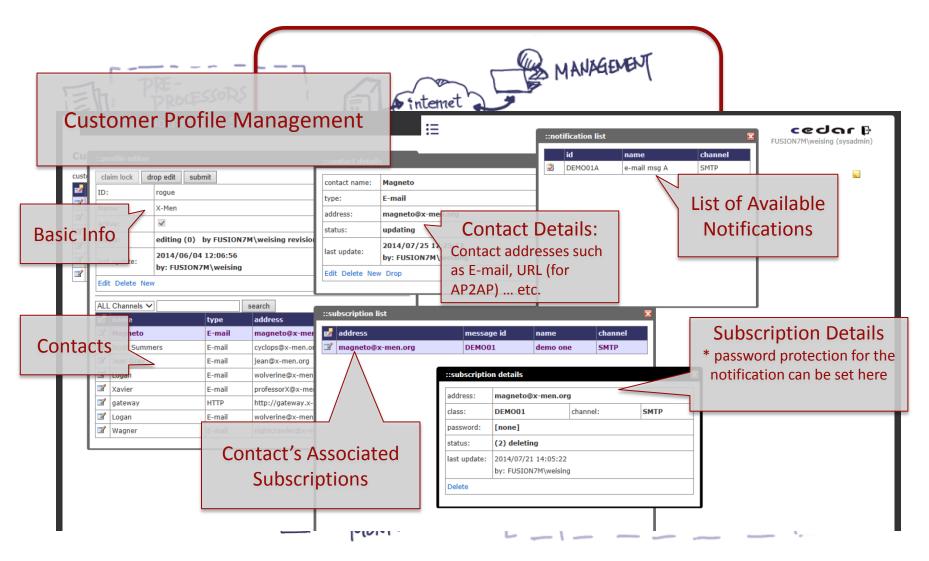


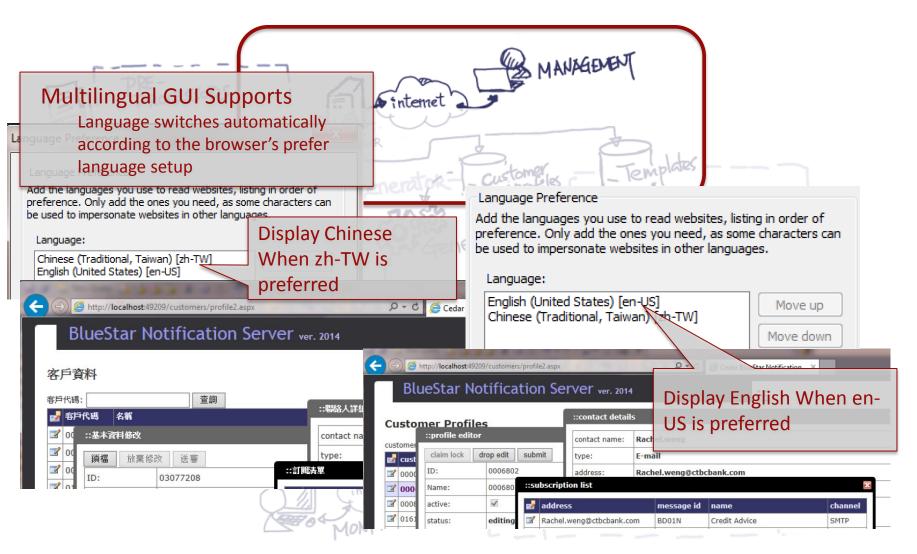


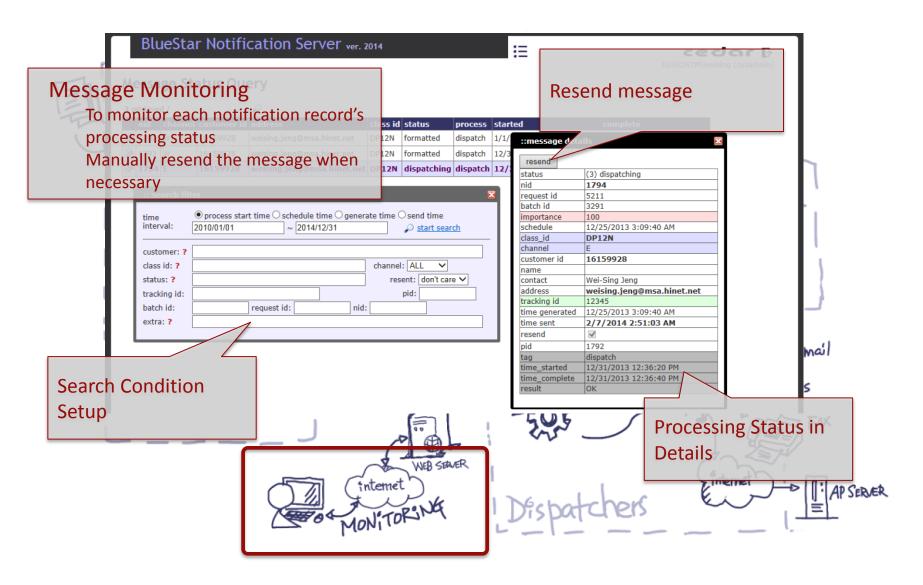


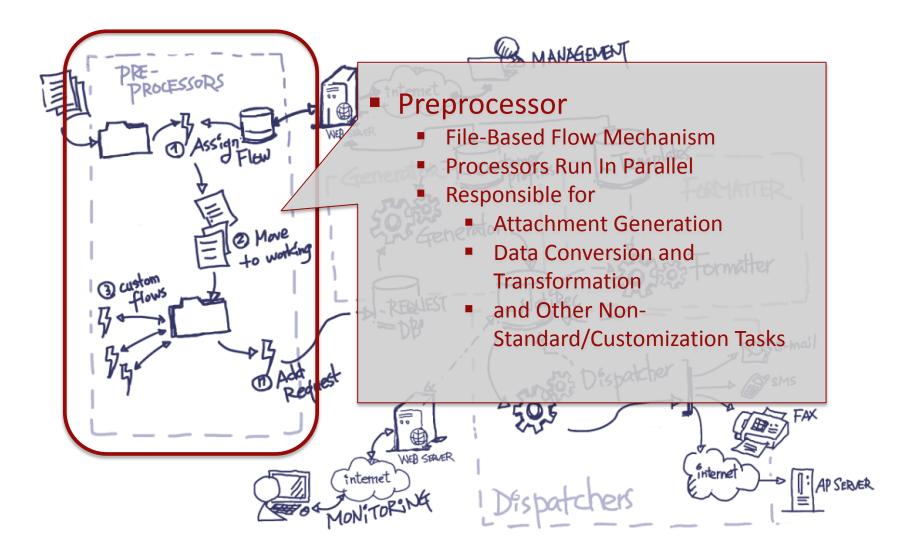


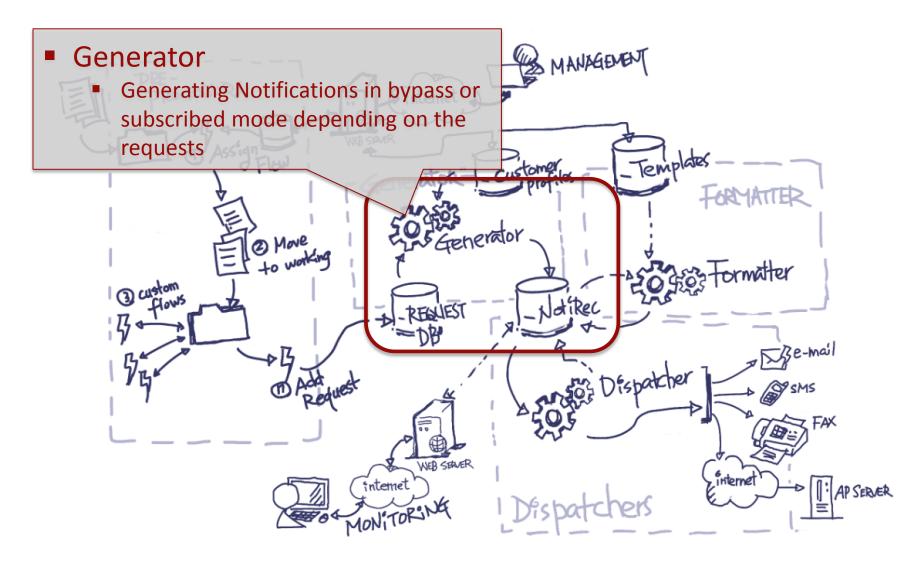


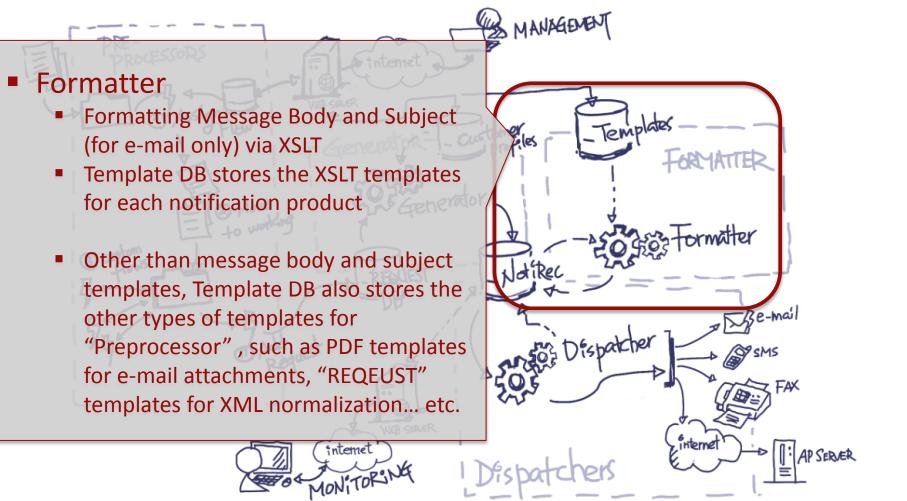












enerator

WEB SERVER

internet

MONITORING

MANAGENENT

HiRol

50 the Dispatcher

Templates

1ATTER

SMS SMS

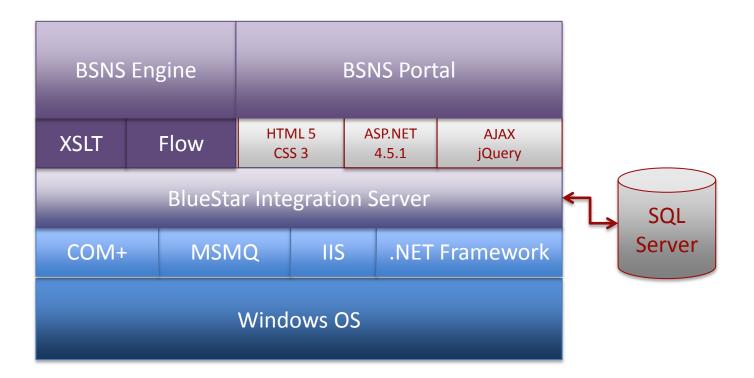
AP SERVER

ormatter

Dispatchers

- Different types of dispatcher services are responsible for different types of delivery channels
- You can also register more than one dispatcher service for one delivery channel for boosting the performance or for high priority notifications

Technology Stack



System Requirements

- Windows Server 2008 R2 and up
- .NET Framework 3.5, 4.5.1
- SQL Server 2008 R2 and up (with CLR enable)
- BlueStar Integration Server 2008 and up
- Internet Explorer 11