

MYSITES 2.0

Leigh, welcome to MyUnited

Weather in Cullman, AL  61°F

Notifications **1**



[My Documents](#)

[Checklists](#)

[Tips and Videos](#)

[FAQs](#)

[Service Packages](#)

5 Days

Until Moving Day

(Tentative until e-Acceptance)

From:

CAROL STRM, IL

To:

CULLMAN, AL

Your Mover:

ARMSTRONG RELOCATION
COMPANY, ILLINOIS, LLC

Scott Johnson



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Let us know what you think



Yelp



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Review & e-Accept Your Documents

For your convenience, you can easily review and e-Accept all of your documents online by selecting the e-Accept Your Documents button below.

[e-Accept Your Documents](#)



Preparing for Moving Day

These helpful tips will properly prepare you for move-out day and what to expect.



Day Before Move Checklist

- Identify any extra-fragile items needing special attention. If certain items should not be packed or moved, mark them appropriately.
- Label any items or boxes you will want first when the truck arrives at your new home (valuables, electronics, etc.).
- If you are doing your own packing, make sure everything is ready to go before moving day. Upon arrival, the van operator will check to see if boxes have been properly packed.
- If Mayflower is helping you pack, collect things you definitely want packed together, such as children's toys and place in separate groups.
- Unplug all electronic appliances 24 hours in advance of a move, except plasma televisions, so that they will be at room temperature on moving

What is Mysites ?

MySite 2.0 is a Java based external Web application to help customers for their move seamlessly through out their move process with Agents. It helps to E-Accept the legal documents (Estimate Forms, Convenience Services & Citypointe) and make credit card payment online.

MySites will be available for the customer/Agent once the Opportunity is created (MySite link will be sent at this time). Customer's AuthId, LastName and Origin Zip Code will be used as a Login credentials.

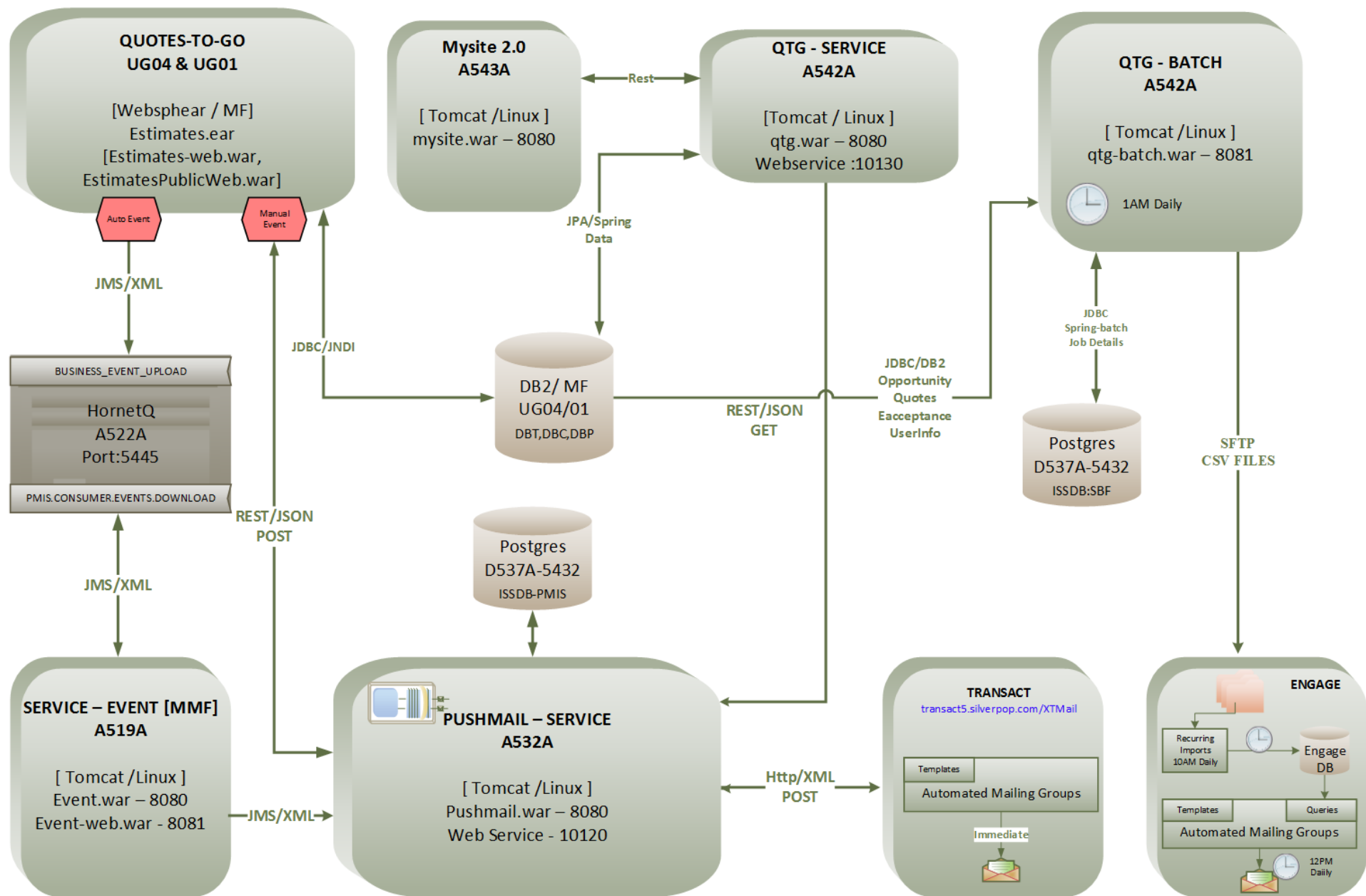
Tech Stack

Mysites 2.0 has been rewritten based on existing MySite 1.0 features in new technology stack.

- Marionette & Backbone (Javascript MVC framework),
- Bootstrap 3 (Responsive),
- LESS Compiler for CSS,
- Requires.js, Moment.js, JQuery, etc.
- JEE 1.7
- Spring MVC 3.0
- Spring Security 3.0,
- Apache Cxf 3.0
- Tomcat 7 / Linux.

Why Mysites 2.0 ?

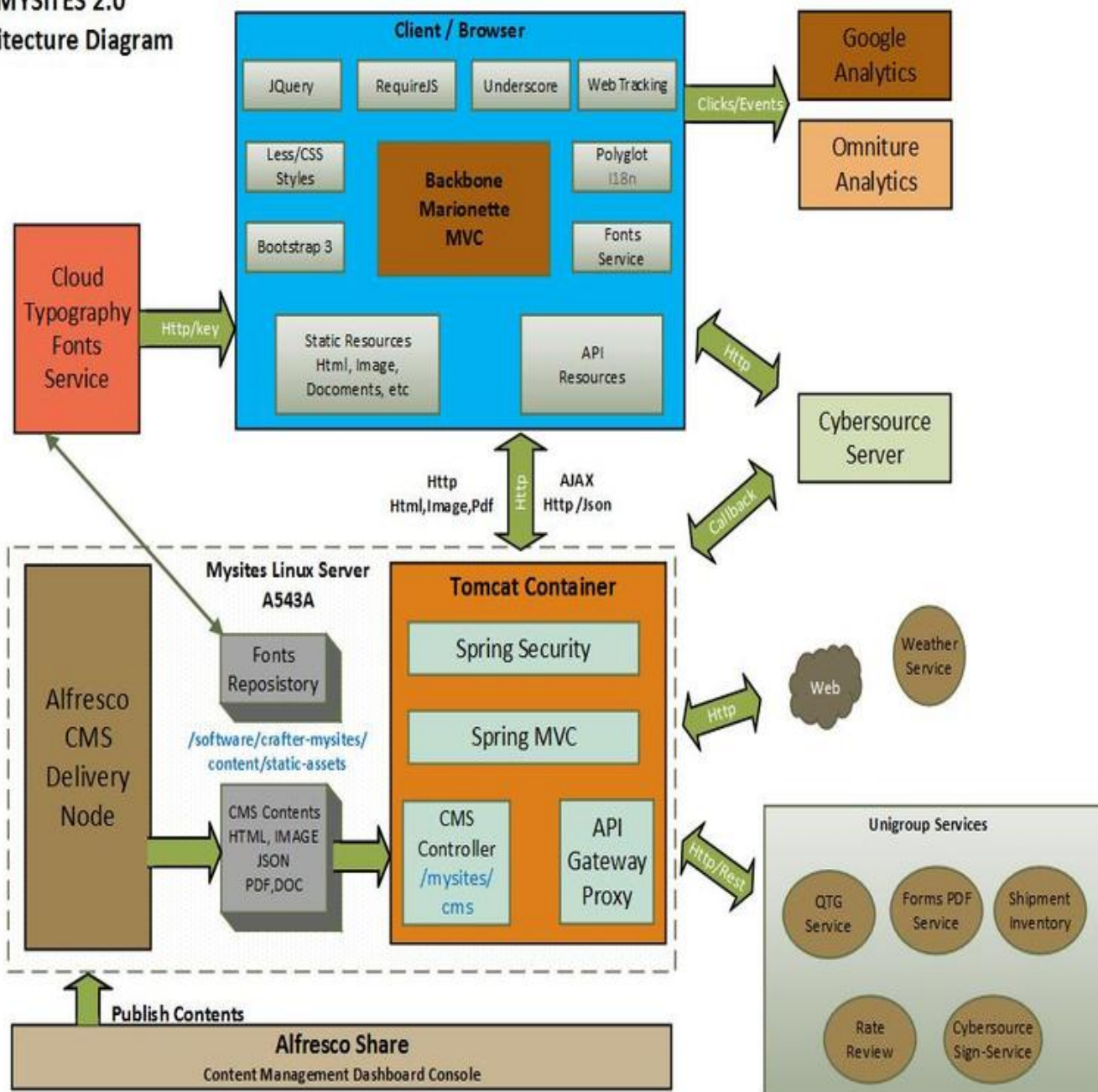
- Marketing wanted to design a brand new Mysites application to align with public site look and feel with some new features. The goal is to increase the customer E-Acceptance and reduce paper work.
- **What's is new?**
 - Static Contents from CMS (Marketing can manage static contents)
 - Agent Read Only View
 - State Based View – Dynamic contents from Service-QTG
 - Shipment Tracking & Inventory
 - Settle-In Map
 - Agent Rating Widget
 - Web Tracking with Google Analytics & Omniture, etc.



State Based View

- **PRE_ESTIMATE** – Opportunity/Quote is created but no e-Acceptance documents are sent.
- **PRE_EACCEPT** - At-least one e-Acceptance document is in sent status, before customer e-Accept the documents.
- **PRE_SHIPMENT** - Documents are signed/accepted and move date is less than the current date.
- **ON SHIPMENT** - On moving day, move date is equals to current date.
- **PRE_DELIVERY** - Move date is greater than current date and none of the order is delivered.
- **PARTIAL_DELIVERY** - Move date is greater than current date and at least one order is delivered if there are multiple quotes.
- **POST_DELIVERY** - All the quotes/orders are delivered.

MYSITES 2.0
Architecture Diagram




Alfresco – Content Management


Alfresco CMS is being used to manage the Mysite's Static contents.


- Htmls,
- Images,
- Lables/Error Messages (json),
- Documents (Pdf,Doc).


Business manage these contents via Alfresco Share (User Interface) and will be published to Mysite's Server by Alfresco delivery node for different environments.






























Alfresco Share – User Interface


View: Mysites 


 Pages


 Components

 Static Assets

-   css*
-   documents
-   html
 -   m
 -  other_helpful_info.html
 -   u
 -   checklist_home*
 -  faq.html
 -  moving_checklist_email_template.html
 -  movingChecklist.html
 -  neighborhood.html
 -  service_package.html
 -  service_package_section.html
 -   tips-and-videos
-   images*
-   js*
-   locales
-   webfonts

 Templates

 Analytics Dashboard

 Admin Console

How Mysites get QTG data ?

- Mysite1.0 shared QTG business logic as it was running with same QTG Webspear container.
- Mysite 2.0 can not share QTG business logic. So Mysites needed the service to expose the required QTG Data.
- QTG-Service has been developed to expose QTG data's as a Rest resources.
 - EsUserInfo, ESMoveCoordUserInfo
 - EsOpportunity
 - EsQuotes, ESQuoteSummary, ESQuoteInstr
 - Esformacctauthinfo, Esacctinfo, ESAccptForm, ESActSectForm
 - Eslegacyordrinfo, HHGDBase, Hhgdestmst, Hhgdestaddr, HhgRate,
 - Tcredcdn, tccdrsn
 - EsCubesheet, EsSelRooms, EsSelArticles

The diagram illustrates the database structure for the 'Es' (Estimate) system. It includes the following entities and their relationships:

- EsFomInfo** is connected to **ESAccptForm** via the relationship **FORM_REF_ID_CODE [1:1]**.
- ESAccptForm** is connected to **ESAccptInfo** via the relationship **accpt_info_id [1:N]**.
- ESAccptForm** is connected to **ESAccptSectForm** via the relationship **ACCPT_FORM_ID [1:N]**.
- ESAccptInfo** is connected to **EsQuote** via the relationship **QUOTE_ID [1:1]**.
- EsQuote** is connected to **EsLegacyOrderinfo** via the relationship **QUOTE_ID [1:1]**.
- EsQuote** is connected to **HhgdEstAddr**, **HhgdEstMstr [Order]**, **HhgdEstRate**, and an unnamed entity (represented by a box with a question mark) via a 1:N relationship. The attributes **NBR_AGT_EST**, **NBR_EST**, and **CODE_SUB_CMPY_EST** are associated with this relationship.
- HhgdEstMstr [Order]** is connected to **Tcredcdn (Creditcard)** via the relationship **ORDER_ID + NBR_BILL_SUPP + NBR_SEQ [1:N]**.
- Hhgduvlppay** and **Prepay** are connected to **Tcredcdn (Creditcard)** via a 1:N relationship.
- Tcredcdn (Creditcard)** is connected to **Tccdrsn** via a 1:N relationship.
- EsLegacyOrderinfo** is connected to **HHGDATABASE** via the relationship **[1:1] CODE_SUB_CMPY_ORD**. The attributes **NBR_BOKR**, **NBR_ORD**, **YEAR_ORD**, **CODE_PS**, **CODE_OVFL**, and **CODE_SH** are associated with this relationship.

E-Acceptance Forms

- Agent sends [Estimate](#), [Citipointe](#), [Vap](#) Forms to customers from QTG.

Confirm E-Acceptance

1. Update Status in EAcceptance & EAcceptanceForms table.
2. Generate PDF forms using SOAP service and Send to Transdoc.
3. Send confirmation email to Agent via Javamail.
4. Send confirmation email to Customer via Pushmail.

PDF Form Soap Services

- PDF_ONE_PAGE_ESTIMATE (7) - OLWS029
- PDF_FSC_ONE_PAGE_ESTIMATE (17) - OLWS029
- PDF_ORDER_FOR_SERVICE (8) - OLWS029
- PDF_AUTO_ORDER_FOR_SERVICE (14) - OLWS029
- PDF_AUTO (3) - OLWS029
- PDF_CITYPOINTE (12) - FormsWebService
- PDF_VAP_MATERIALS (1) -FormsWebService
- PDF_SURVEY & PDF_CREDITCARD(2) - Generated inside QTG.

OLWS029 & FormsWebService are java based soap webservice running in Mainframe Websphear Application server and the code base are in CVS. (FormsBusiness & FormsWebService).

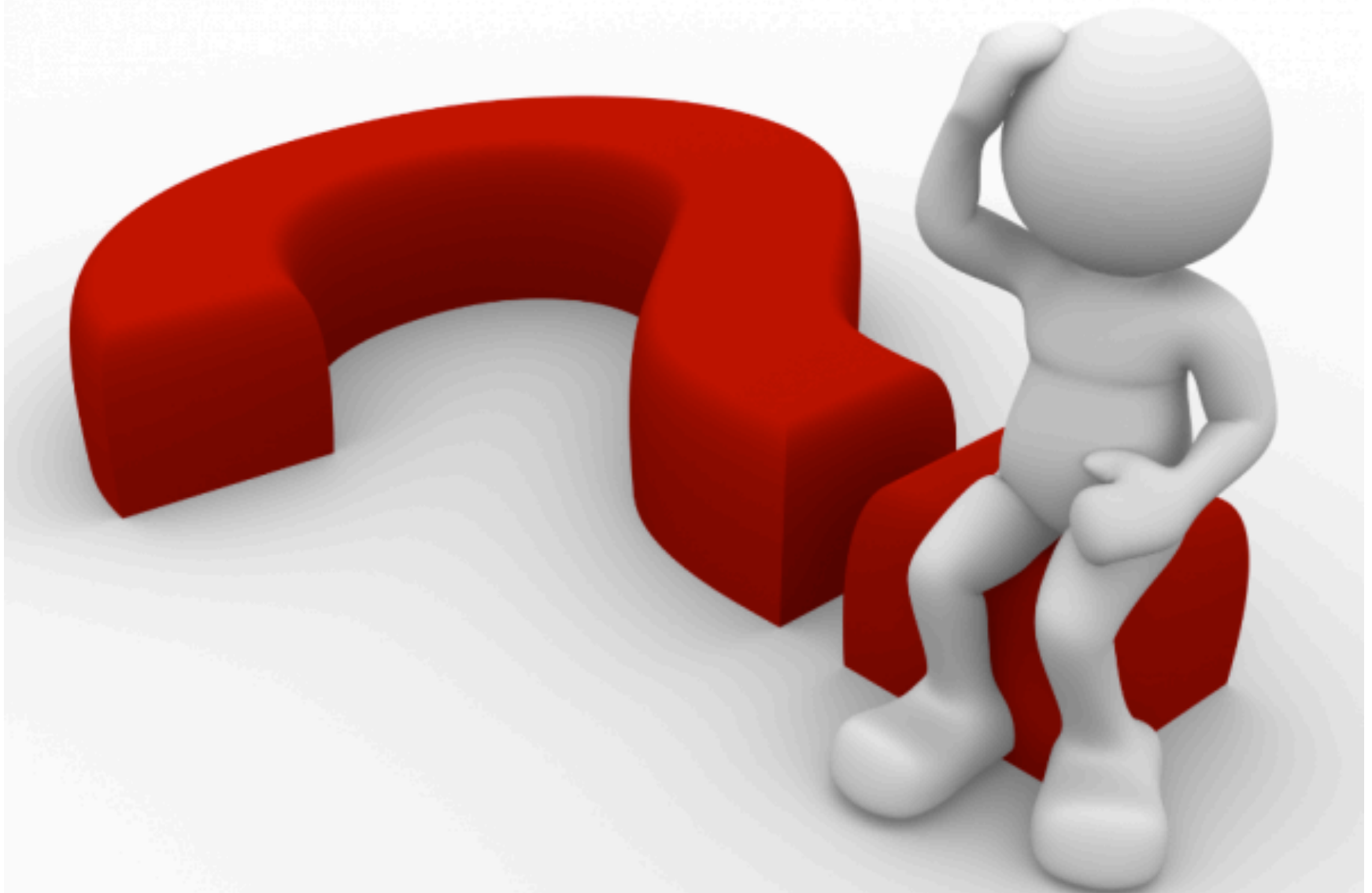
Creditcard Payment

- Agent sends CreditCard Form to customers from QTG.
- **ADD Credit Card**
 1. Make Cybersource Signature Internal Service to get all the cc details signed.
 2. Make CyberSource Service call with signed data for verification.
 3. Save the response in Creditcard Table (TCRDCDN & TCRDRSN) with token id. (No Creditcard details will be saved in our system).
- **Confirm Payment**
 1. Update Status in EAcceptance & EAcceptanceForms table.
 2. Generate PDF form and Send to Transdoc.
 3. Add creditcard details in legacy tables - Prepay & HhgdUvIPrepay
 4. If the load date is less than 2days, then call cybersource for Authorization with token id.
 5. Send the Authorization Response details to CICS OLMQ10 Mainframe Program via IBM MQ.
 6. Send confirmation email to Agent via Javamail.
 7. Send confirmation email to Customer via Pushmail.

Documentation

- Mysites Wiki :
<http://development.unigroup.wikispaces.net/MySites+2.0>
- Backbone/Marrionate
:<http://marionettejs.com/docs/marionette.view.html>
- Spring MVC <http://docs.spring.io/spring/docs/current/spring-framework-reference/html/mvc.html>
- Apache CxF (Jax-Rs) – REST Service<http://cxf.apache.org/docs/jax-rs.html>

Questions & Answers



Thanks!