

Organization Structure and Roles Diagrams

The BAM Program Governance Chart is stored in SharePoint at the following location:

MI BAM Release 2 > BAM Program Management > BAM Program > Program Governance

Roles and Responsibilities

State of Michigan: Reference Section 1.202 of original Contract dated October 7, 2005.

HP: Reference Section 1.201 Contract Staff Roles and Responsibilities of original Contract dated October 7, 2005.

Executive Summary

Project Objectives

Implement first phase of BAM Branch Release capabilities. This will include integration of the following third party interfaces, and BAM In-House functionality:

- **QEK:**
 - QEK users and vehicle manufacturers (800 Branch) capability to perform title and registration transactions from their location.
- **800 Branch**
 - 800 Branch represents third party entities that manages a program for vehicle manufacturers and allows issuance of titles and plates to happen outside of branch offices.
- **BAM In-House**
 - In-House corrections for vehicle functionality In-House batch scanning capability
 - Void capabilities as it pertains to 800 Branch transactions
 - Security and Admin capability as it pertains 800 transactions

Project Approach

QEK/800 Branches Deliverables:

Reference project activities and deliverables as stated in Contract dated October 7, 2005.

Also reference the BAM SUITE to HP Process Cross Reference document and the BAM Stage Exit Approach document for more detail on the deliverables that will be produced. These documents are located in SharePoint at the path below:

MI BAM Release 2 > BAM Program Management > BAM Program > Program Process Documentation > Project Initiation and Planning Process

Project Scope

The purpose of this document is to define the scope of the QEK/800 Release. The general scope of this phase is the 800 Branches functionality, which is a 3rd party application that interfaces with MI BAM to allow authorized QEK users and vehicle manufacturers (800 Branches) to perform title and registration transactions from their locations.

The scope of this release is summarized below:

- Transactions allowed from the 800 (QEK) Branch application
- MI BAM transactions, interfaces, and reports that will be needed to support the 800 (QEK) Branch transactions
- MI BAM deliverables (HLDs, Interfaces Specifications, Supporting Documents) that will be referenced to support the 800 (QEK) Branch transactions
- MI BAM defects that will impact the 800 (QEK) Branch transactions
- MI BAM change controls that will impact the 800 (QEK) Branch transactions.
- In-House corrections for vehicle functionality
- In-House batch scanning capability
- Void capabilities as it pertains QEK/800 Branch transactions
- Security and Admin capability as it pertains to QEK/800 transactions

Project Requirements

An overview of the 800 (QEK) Branch functional requirements follows. For complete information please refer to the 800 (QEK) Branch interface specification documents and the HLD's listed in this document.

800 Branches

This section defines the transaction functionality that will be supported with the 800 Branches web service. The functionality below was extracted from the *IUC154 – 800 Branches Interface Specification* and *IUC154 – 800 Branches Interface Specification II* documents. These transactions are categorized and listed based on the transactions within the 800 Branch application.

800 Branches Functionality Transactions

The following transactions are performed by the 800 Branches:

1. Original Title
2. Original License Plate
3. Renewal License Plate
4. Transfer License Plate
5. Transferring and Renewing a License Plate
6. Original Title with an Original License Plate
7. Original Title when Transferring a License Plate
8. Original Title when Transferring and Renewing a License Plate

List of new transactions that are available for 800 Branches:

9. Duplicate Title
10. Issue and Renew M Plate (manufacturer plate)
11. Replace Plate

Original Title: Processing a title application for a new vehicle, no license plate will be issued. A new vehicle is one that has not been titled before and the ownership document is a Manufacturers Certificate of Origin (MCO) or an electronic invoice.

Original License Plate: This transaction involves issuing a new license plate for a vehicle that already has a title issued for it.

Renewal License Plate: This transaction involves renewing a license plate that will expire within 120 days. This transaction can be performed only if the vehicle ownership remains the same.

Transfer License Plate: This transaction involves transferring a license plate from one vehicle to another. The company whose name appears on the plate registration must own the vehicle to which the plate is being transferred.

Transferring and Renewing a License Plate: This transaction involves transferring and renewing the plate at the same time. The rule for the ownership of the vehicle remains the same for transferring a plate as mentioned in the item above.

Original Title with an Original License Plate: This transaction involves processing a title application and issuing a license plate for a new vehicle. The vehicle body (plate type) will determine the expiration date of the license plate. The fee for the license plates will be determined by the vehicle's base price.

Original Title when Transferring a License Plate: This transaction involves processing a title application for a new vehicle while transferring an existing license plate. The License plate must already be in the name of the company that owns the vehicle.

Original Title when Transferring and Renewing a License Plate: This transaction involves processing a title application for a new vehicle while transferring an existing license plate. This transaction also includes renewing the license plate. The rules for transferring and renewing the license plate remain the same as mentioned above.

800 Branches Functionality Transaction Exceptions

Unassigned Plate transaction functionality is only applicable to Manufacturer plate types.

BAM In-House

- o In-House corrections for vehicle functionality
 - o In-House batch scanning capability
 - o Void capabilities as it pertains to 800 Branch transactions
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MI BAM HLDs and Supporting Documents

The following MI BAM HLDs and HLD Supporting Documents have been determined to be within the scope of the Branch – Phase 1 (QEK/800 Branches Release) Implementation. These HLDs may not directly affect the 800 Branch web services, but the functionality within these HLDs is necessary to support those web services.

Deliverable	Comments
Vehicle (Title & Registration)	
D2.1.2.1 Registration New Title HLD D2.1.2.1 Registration New Title HLD Addendum 1 D2.1.2.1 Registration New Title HLD Addendum 2 D2.1.2.1 Registration New Title HLD Addendum 3 D2.1.2.1 Registration New Title HLD Addendum 4 D2.1.2.1 Registration New Title Permitted Values Addendum 4	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.HLD.Ver2.7.11.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.HLD.Ver2.7.Addendum1.Ver1.7.4.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.HLD.Ver2.7.Addendum2.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.HLD.Ver2.7.Addendum3.Ver1.1.8.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.HLD.Ver2.7.Addendum4.Ver1.0.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20New%20Title/D2.1.2.1.Registration.NewTitle.PermittedValues.Addendum4.Ver1.7.xls Includes only the functionality to support the transactions performed via the In House Corrections branch to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch. Excludes Self Certification function in Addendum 4.

Deliverable	Comments
D2.1.2.2 Registration HLD D2.1.2.2 Registration HLD Addendum 1 D2.1.2.2 Registration HLD Addendum 3 D2.1.2.2 Registration HLD Addendum 4 D2.1.2.2 Registration Permitted Values Addendum 1	<p> https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/D2.1.2.2.Registration.HLD.Ver.1.6.8.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/D2.1.2.2.Registration.HLD.Ver.1.6.Addendum1.Ver2.0.3.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/D2.1.2.2.Registration.HLD.Ver.1.6.Addendum3.Ver1.0.4.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/D2.1.2.2.Registration.HLD.Ver.1.6.Addendum4.Ver1.3.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/D2.1.2.2.Registration.Permitted.Values.Addendum1.xls </p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch. Excludes Correction function in Addendum 4.</p>
D2.1.2.7 Registration Grandfathered Scenarios HLD	<p> https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Grandfathered%20Scenarios/D2.1.2.7.Registration.Grandfathered.Scenarios.HLD.Ver1.3.2.doc </p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.</p>
CC28312 - Recreation Passport HLD	<p> https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Recreation%20Passport/CC28312%20-%20Recreation%20Passport%20HLD.Ver1.5.doc </p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.</p>

Deliverable	Comments
D2.1.2.6 Registration Duplicate & Cancel HLD D2.1.2.6 Registration Duplicate & Cancel Permitted Values Addendum 1	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Duplicate%20Cancel/D2.1.2.6.Registration.Duplicate.Cancel.HLD.Ver1.2.1.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Duplicate%20Cancel/D2.1.2.6.Registration.Duplicate.Cancel.Permitted.Values.Addendum1.xls Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch. Excludes Cancel Registration.
D2.2.65 Registration Statuses and History HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Statuses%20and%20History/D2.2.65.Registration.Statuses.and.History.HLD.Ver1.4.4.doc Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.
Attributes for Vehicle Type Addendum 4	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Supporting%20Documents/D2.1.2.1.1.Attributes.For.Vehicle.Type.Ver1.2.Addendum4.Ver4.0.4.xls
Plate Info BAM	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Supporting%20Documents/BAM.Plate.Info.081009.xls Would need to be updated with new plate types if CC29754 and CC29415 are determined to be in scope. And updated with modified motorcycle plate configuration if Issue 29407 is in scope.
Fee Rules Addendum 4	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Fee%20Rules/Fee.Rules.Addendum4.Ver4.0.12.xls

Deliverable	Comments
D2.1.5.1 Title Only HLD D2.1.5.1 Title Only HLD Addendum 1	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Title%20Only/D2.1.5.1_Title_Only_HLD_Ver1.6.7.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Title%20Only/D2.1.5.1_Title_Only_HLD_Ver1.6.Addendum1_Ver1.0.1.doc Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.
D2.1.5.2 Title Update HLD D2.1.5.2 Title Update HLD Addendum 1 D2.1.5.2 Title Update Permitted Values	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Title%20Update/D2.1.5.2_Title_Update_HLD_Ver1.4.4.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Title%20Update/D2.1.5.2_Title_Update_HLD_Ver1.4.Addendum1_Ver1.0.5.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Title%20Update/D2.1.5.2_Title_Update_Permitted_Values.xls Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.
D2.2.32 Vehicle Documents HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Vehicle%20Documents/D2.2.32_Vehicle_Documents_HLD_Ver1.7.6.doc Excludes Supporting Documents Setup, Documents tab – Application screens, Document Printing screen sections of the HLD. 800 Branches will be providing the necessary documents to be scanned and linked to BAM transactions.
D2.2.32 Vehicle Documents HLD Input Documents	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Vehicle%20Documents/Inputs%20Documents/D2.2.32_Vehicle%20Input%20Documents%20Spreadsheet%20-%20Ver2.4.6.xls Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.

Deliverable	Comments
D2.2.32 Vehicle Documents HLD Output Documents	<p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Vehicle%20Documents/Output%20Documents/D2.2.32_Vehicle_Documents_HLD_Output_Documents_Ver1.8.xls</p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.</p>
D2.2.50 Vehicle Interface Integration HLD	<p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Vehicle%20Interface%20Integration/D2.2.50_Vehicle_Interface_Integration_HLD_Ver1.8.15.doc</p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.</p> <p>Includes only through version 1.8.14. Version 1.8.15 is dependent on delivery of CC 28570.</p>
D2.1.8.12 Title and Vehicle Flashes HLD D2.1.8.14 Registration Flashes HLD BAM Vehicle Flash Tables BAM Registration Flash Tables	<p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Flashes/Title%20Flashes/D2.1.8.12_Title_Flashes_HLD_Ver2.0.5.doc</p> <p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Flashes/Registration%20Flashes/D2.1.8.14_Registration_Flashes_HLD_Ver1.4.7.doc</p> <p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Flashes/Title%20Flashes/BAM_Vehicle_Flash_Tables_060111.doc</p> <p>https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Flashes/Registration%20Flashes/BAM%20Registration%20Flash%20Tables.doc</p> <p>Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.</p> <p>Excludes manual adding and removing of flashes.</p>

Deliverable	Comments
D2.2.60 In House Vehicle Corrections HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/In-House/In%20House%20Corrections%20Vehicle%20Ref/D2.2.60_In_House_Corrections_Vehicle_Ref_HLD_Ver1.4.6.doc Excludes: Cancel Title, Cancel Registration, Special Use Plates (all except Manufacturer plates), Special Use Recreational Vehicle, Assign & Replace VIN.
D2.2.61 In House Delete Title HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/In-House/In%20House%20Delete%20Title/D2.2.61_In_House_Delete_Title_HLD_Ver1.4.2.doc
D2.2.62 In House Delete Registration HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/In-House/In%20House%20Delete%20Registration/D2.2.62_In_House_Delete_Registrat_HLD_Ver1.4.1.doc
D5.2.2.50 Inventory Control Number Addendum Specification	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Inventory%20Control%20Number/D5.2.2.50_Inventory_Control_Number_Addendum_Ver1.1.doc
D2.2.39 Batch Scanning HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Batch%20Scanning/D2.2.39_Batch_Scanning_Ver2.3.4.doc Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch.
D2.2.2.38 Void Transaction Processing HLD D2.2.2.38 Void Transaction Processing HLD Addendum 1	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Void%20Transactions%20Processing/D2.2.38_Void_Transaction_Processing_Ver2.0.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Void%20Transactions%20Processing/D2.2.38_Void_Transaction_Processing_HLD_V1.6_Addendum1_Ver1.1.doc Includes only the functionality to support the voiding of transactions performed via the 800 (QEK) Branch web service.

Deliverable	Comments
D2.2.40 AuDTMB Log Design (Part 1)	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/AuDTMB%20Framework/D2.2.40_AuDTMB_Framework_Part1_HLD_Ver1.15.1.doc Includes section 4.1.1, 4.1.2, & 4.1.5 only. Dependent on Issue 30255.
D2.1.8.11 Document Scanning HLD	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Document%20Scanning/D2.1.8.11_Document1_Scanning_HLD_1.4.2.doc Includes section 3 only.
D2.1.8.11 Document Scanning HLD Addendum 1	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Document%20Scanning/D2.1.8.11_Document1_Scanning_HLD_Ver1.4_Addendum1.doc
User Group-Privilege Matrix	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Admin/Admin%20Maintenance/User%20Group-Privilege%20Matrix%20-%2010-19-2010.xls Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch. Dependent on Issue 30294.
Customer Workbook	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/7.Implementation/Data_Setup/Customer_Workbook/BAM_Office_Prod_Data_Load_Web-Customer_WorkBook_Ver1.17.xls Includes only the functionality to support the transactions in scope for the 800 (QEK) Branch web service or the In House Corrections branch. Dependent on Issue 30295.

Required Interfaces

Note: Any report defined as part of the Interface Specification is considered to be in scope, even if that report is not specifically identified in the "MIBAM Report Specifications" section of this document.

Description	Comments	Interface Specs
800 Branches		Ver 1.2.1: HLD https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/800%20Branches%20(QEK)DS.1.2.30_IUC154_800_Branches_Int_Spec_Ver1.2.1.doc Addendum1_Ver1.0 https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/800%20Branches%20(QEK)DS.1.2.30_IUC154_800_Branches_Int_Spec_Ver1.0_Addendum1_Ver1.0.doc
L2K Dealer Load	Not Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/L2K%20Dealer/DS.1.2.9_IUC130_Dealer_Int_Spec_Ver1.11.1.doc Includes only the functionality to support the manufacturers for the 800 Branch web service.
EFT Load Interface	Not Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/EFT/DS.1.2.7_IUC102_EFT_Int_Spec_Ver1.5.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/EFT/DS.1.2.7_IUC102_EFT_Int_Spec_Ver1.5_Addendum1_Ver1.0.1.doc
Just In Time (JIT)	Not Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Just%20in%20Time/DS.1.2.14_IUC185_Just_In_Time_Int_Spec_Ver1.4.doc https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Just%20in%20Time/DS.1.2.14_IUC185_Just_In_Time_Int_Spec_Ver1.2_Addendum1.doc
Vehicle Replication	Included in the Web 1.0 This interface has been integrated with the application, but not all the messages have been tested for the Web 1.0 implementation.	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Rfid/DS.1.2.37_IUC188_Vehicle_Replication_Int_Spec_Ver1.44.3.doc Includes only the replication that supports the transactions included in the scope of this phase.
Batch Scanning	Not Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Content%20Management/DS.1.2.36_IUC159_Content_Management_Int_Spec_Ver2.1.doc
NCIC Stolen Vehicle Check	Not Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/LEIN%20Stolen%20Vehicle%20Check/DS.1.2.4_IUC131_LEIN_Int_Spec_Ver1.6.doc

Description	Comments	Interface Specs
Repeat Offender	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Repeat%20Offender/D5.1.2.2_IUC143_Repeat_Offender_Int_Spec_Ver1.16.doc
Pilot Update Check	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Pilot/Pilot_Update_Check_Int_Spec_Ver1.2.doc Includes only the functionality to support the manufacturers for the 800 /QEK/ Branch web service.
Title & Registration Print Activity	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Print%20Activity/D5.2.2.36_Print_Activity_Int_Spec_Ver1.18.2.doc
VINA Load	Not included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/VINA/D5.1.2.5_IUC152_VINA_Int_Spec_CVINA_Ver1.5.1.doc
Vehicle Registration Status Update	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/2.Functional%20Validation/Registration/Registration%20Statuses%20and%20History/D2.2.65_Registration_Statuses_and_History_HLD_Ver1.4.4.doc References within the HLD to an "internal batch process" to update registration statuses.
Replication Message Count Summary	Included in the Web 1.0	Same Interface Spec as Vehicle Replication above.
LEIN Framework	Impact for abandoned and stolen vehicle information that results in a flash being added in BAM. Not included in the web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/LEIN%20Framework/D5.1.2.24_IUC131_LEIN_Framework_Int_Spec_Ver1.1.0.doc
Out of State Title Letters	Impact on the printing of Foreign title printing	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/CPC/3R1%20CPC%20Int%20Spec/D5.1.2.11_3R1_CPC_Int_Spec_Ver1.10.2.doc
Address Standardization	Potential impact since CVR can create new business and out of state individual customers. Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5.Interfaces/Address%20Standardization/D5.1.2.1%20IUC101_IUC129_Address_Standardization_Int_Spec_Ver1.9.doc
EIV Load	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Interface%20Development/IVU1-Insured_Vehicle_Update/D5.1.2.12_IUC127_Insurance_EIV_Int_Spec_Ver1.2.2.doc

Description	Comments	Interface Specs
Hardcopy Inquiry	Included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5/Interfaces/Hard%20Copy%20Inquiry/DS.2.2.45_Hard_Copy_Inquiry_Int_Spec_Ver1.0.doc
Law Enforcement ORI	Not included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5/Interfaces/Law%20Enforcement%20ORI/DS.1.2.23_IUC182_Law_Enforcement_ORI_Int_Spec_Ver1.2.doc
LEIN Abandoned and Stolen Vehicles	Not included in the Web 1.0	https://external1.collaboration.hp.com/external/MIBAM-R1/Deliverables/5/Interfaces/LEIN%20Abandoned%20and%20Stolen%20Vehicle/DS.1.2.13_IUC136_Abandon_Vehicle_Int_Spec_Ver1.11.doc

* Note: Interfaces have only been identified for CVR/800 (QEK) Branch Implementation at this point in time.

MI BAM Report Specifications

The following MI BAM reports have been determined to be within the scope of the Branch – Phase 1 (CVR/800 (QEK) Branch) Implementation.

#	Description	Deliverable(s)	Web 1.0
1.	Electronic Funds Receipt Summary	MDOS General Canned Reports HLD; 1. Electronic Funds Receipt Summary	No
2.	Transaction & Cashier Recap	MDOS General Canned Reports HLD; MDOS General Canned Reports HLD Addendum 1; 2. Dealer Transaction Summary; 2. Dealer Transactions Summary Addendum 1	Yes
3.	End of Day	MDOS General Canned Reports HLD Addendum 1; 21. End of Day Report	No
4.	Documents Sent for Batch Scanning	DL Reports and Inquiries HLD; 3. Documents Sent for Batch Scanning Report	No
5.	Batch Scanning Summary	DL Reports and Inquiries HLD; 10. Batch Scanning Summary Report	No
6.	Void Transaction	MDOS General Canned Reports HLD Addendum 1; 19. Void Transaction Report	No
7.	LEIN Log	LEIN1 – Law Enforcement Information Network Framework Interface Specification	No
8.	Audit Report	Audit Log Design (Part I)	Yes
9.	Repeat Offender Error	MSP6 – MSP Repeat Offender Interface Specification	No
10.	Replication Message Count Summary	IUC188 – Vehicle Replication Interface Specification	Partial

#	Description	Deliverable(s)	Web 1.0
11.	Vehicle Registration Status Update	Registration Statuses and History HLD	Yes
12.	Recreation Passport by County Report	CC26312 – Recreation passport HLD; Recreation Passport by County Report	No
13.	Recreation Passport by Branch Report	CC26312 – Recreation passport HLD; Recreation Passport by Branch Report	No

Non Functional Requirements

<https://external1.collaboration.hp.com/external/MIBAM-R1/Project%20Administration/Old%20Documents/Requirements/Non-Functional%20Requirements.zip>

Project Change Controls

Three additional change controls are included for the QEK/800 Branches Release. The inclusion of these change controls will add the final functionality required to deploy the BAM application for the QEK/800 Branches Release.

30986 - 800 Branches: Collecting payment for the transactions processed via web service

Targeted Defects

Within the MIBAMETOE project in the JIRA defect reporting system, a new system flag has been added within the "Impacts" area. This flag is labeled Branch-Phase 1. The HP business analyst team has reviewed the open defects within the MIBAMETOE project and labeled any defect that they believe participates in the scope of the CVR/800 (QEK) Branches Release, or the in-house functionality that support these areas with that flag.

This will require validation from the Requirements and Testing core teams to ensure that the defects identified are accurate once the scope is finalized.

Exclusions

1. Web 1.1 Order/Replace Plate functionality is not in scope.
2. MI BAM thick client inventory functionality is not in scope. Only the Central Issue/JIT processes will be in scope. Inventory to be replicated to Legacy via the BAM vehicle replication transactions. Legacy will in turn update the Oracle Inventory application
3. MI BAM thick client Voids are not in scope, only Voids initiated from 800 Branch applications will be allowed and accommodated.
4. MI BAM thick client transaction referral/pend transaction functionality is not impacted. 800 Branch transactions cannot be deferred to In-House to resolve/complete as the Referrals Queue functionality is not in scope for this phase.
5. BAM thick client functionality that is outside of the scope of 800 Branch functionality.
6. Plate configurations (as defined within the Inventory Control Number Addendum Specification) are not being validated by the 800 (QEK) Branch Web Service.
7. In-House customer correction functionality.
8. Customer workbook for the CVR/800 (QEK) Branches Release is out of scope and the Branches will be set up manually by MDOS.
9. Vendor CVR will not be included in the CVR/800 (QEK) Release.

The functionality to manually add or remove flashes by In-House users in MI BAM thick client.

Michigan Department of State

Business Application Modernization In-House and First Branch Project Plan

March 19, 2013

Revision History

Date	Version	Description	Author
2-17-2012	1.0	PMT Draft Plan	PMT
3-1-2012	2.0	Updated Plan	Lori Miller Pelleran, Linda Clarke & Vicki Williams
7-26-12	3.0	Updated Plan with feedback from PMT. Also, included CVR functionality in this document – it was moved from the CVR QEK release to the InHouse First Branch Release as a result of CR 31243.	Lori Miller Pelleran, Linda Clarke & Vicki Williams
8/14/12	4.0	Updated Plan with PMT by reviewing comments from PMT	Lori Miller Pelleran, Linda Clarke & Kristy Smith
1/15/13	5.0	Updated to create contract document	Wayne Budde / Dave Pelleran
1/30/13	5.0	Updated with feedback from HP review for contract amendment	Dave Pelleran
3/19/13	6.0	Updated with feedback from review with MDOS, DTMB, and HP PMs and PMT.	Dave Pelleran

General Information

Project Id:	Business Application Modernization – In-House and Branch Release	Date:	March 1, 2012
Lead Agency:	MDOS/DTMB	Modification Date:	January 15, 2013
Prepared by:	In-House and First Branch Release Project Management Team	Authorized by:	Program Management Team
Prime Contractor:	HP		

Is this an updated Project Plan? If so, reason for update:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Updated to reflect status as of January 15, 2013 due to contract amendment.

Agency Points of Contact

Organization Structure and Roles Diagrams

The BAM Program Governance Chart is stored in SharePoint at the following location:

MI BAM Release 2 > BAM Program Management > BAM Program > Program Governance

Roles and Responsibilities

State of Michigan: Reference Section 1.202 of original contract dated October 7, 2005.

HP: Reference Section 1.201 Contract Staff Roles and Responsibilities of original contract dated October 7, 2005

Executive Summary

Project Objectives

The scope of this Release is the transactions that will be performed by Branch and In-House personnel during the course of regular daily operations. Also in scope is Computerized Vehicle Registration (CVR) which is a third party entity that manages programs related to vehicle plate and title issuance at dealers and other authorized users.

Project Approach

In-House Branches Deliverables:

Reference project activities and deliverables as stated in contract dated October 7, 2005.

Also reference the BAM SUITE to HP Process Cross Reference document and the BAM Stage Exit Approach document for more detail on the deliverables that will be produced. These documents are located in SharePoint at the path below:

MI BAM Release 2 > BAM Program Management > BAM Program > Program Process Documentation > Project Initiation and Planning Process

Project Scope

The purpose of this document is to define the approach and the elements used to facilitate the scope of the In-House and First Branch Release for the BAM project. This document is supported by other documents (i.e. Test Plans, Implementation Plan, Backout Plan and other contract Deliverables) that will be created

throughout the Release. The general scope of this Release is the transactions that will be performed by Branch and In-House personnel during the course of regular daily operations.

This document will summarize the deliverables required to meet the scope of this Release, to include the following:

- In-House Transactions, Reports and Interfaces that will be needed to support the In-House operations. Refer to the table ' In-House/Branch Phase Scope – HLDs/Supporting Documents/Reports' table in this document;
- Branch Transactions, Reports and Interfaces that will be needed to support the Branch operations. Refer to the table ' In-House/Branch Phase Scope – HLDs/Supporting Documents/Reports' table in this document;
- MI BAM deliverables (HLDs and Addendums, Interfaces Specifications, Supporting Documents) that will be referenced to support the In-House and Branch transactions;
- MI BAM critical and high defects that impact the In-House and Branch Release;
- Transactions allowed from the CVR Branch application
- MI BAM deliverables (HLDs and Addendums, Interfaces Specifications, Supporting Documents) that will be referenced to support the CVR Branch transactions
- Implement BAM In-House and Branch functionality. Implement transactions, peripherals and interfaces for Driver, remaining Vehicle functionality, Admin and remaining functionality as identified in list In-House/Branch Phase Scope – HLDs/Supporting Documents/Reports/Interfaces identified in this document;
- Change Control for CDLIS MOD 5 functionality (includes structured testing) for Branch;
- MDOS input channels (as defined in the Business Requirement Design Phase and documented in the approved HLDs) that communicate directly and only with BAM so existing mainframe functionality can be disabled;
- Driver Activity will remain on Legacy;
- Renewal notice process will remain on Legacy;
- Financial Reporting will remain on Legacy;
- Inventory will remain on Legacy;
- Deferred Functionality as indicated in the In-House/Branch Phase Scope – Interfaces Table and the In-House/Branch Phase Scope – Transaction Table is out of scope
- Interfaces that will be removed from Legacy need to be identified. This will be done in conjunction with test planning and implementation planning.

Project Requirements

All known requirements for the In-House and Branch Release functionality have been documented and approved in the existing HLD specification documents as indicated in the Deliverables folder. Any Change

Controls required to complete the functionality required for the In-House and Branch Release are not included in the scope of this release with the exception of the CDLIS Mod 5 CR (29418).

In-House/Branch Release Planned Transactions

The In-House/Branch Phase Scope – Transaction Table represents the functionality for inclusion or exclusion in this Release. The functionality that is considered to be not in scope (excluded) for the initial In-House and Branch Release is considered 'Deferred Functionality' and is not in scope of this Release.

In-House/Branch Phase Scope – Transactions <i>(as defined in the referenced HLDs and/or Specifications)</i>			
Transaction/Function Description*	HLD/Spec Reference	Comments /Exclusions**	In Scope for In-House and Branch Release
Voids (Eligible Transactions)	D2.2.38_Void_Transaction_Processing_HLD & Addendum		In
Driver License Original	D2.2.6_Original_Operator_Chaufer_HLD		In
Driver License Renewal	D2.2.11_Renewal_Correction_Operator_Chauffeur_HLD		In
Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Driver License Correction	D2.2.11_Renewal_Correction_Operator_Chauffeur_HLD		In
Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
EDL Driver License Original	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Driver License Renewal	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Driver License Correction	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Driver License Duplicate	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Driver License Cancellation	D2.2.42_EDL_RealID_HLD & Addendum		In
Interim Measures - Converting Pre-BAM Operator/Chauffeur TIP into TOP	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Renewal of Pre-BAM Base License TIP	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Correction of Pre-BAM Base License TIP	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Conversion of Pre-BAM Endorsement TIP into TOP	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Renewal of Pre-BAM Endorsement TIP	D2.2.45_Interim_Measures_HLD		In

In-House/Branch Phase Scope – Transactions <i>(as defined in the referenced HLDs and/or Specifications)</i>			
Transaction/Function Description*	HLD/Spec Reference	Comments /Exclusions**	In Scope for In-House and Branch Release
Interim Measures Conversion of Pre-BAM GDL1 into GDL2	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Correction of Pre-BAM GDL Level 1	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Duplicate of Pre-BAM GDL Level 1	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Duplicate of Pre-BAM Operator/Chauffeur & Endorsement TIP	D2.2.45_Interim_Measures_HLD		In
Interim Measures - Converting Penny Receipts into TOP	D2.2.45_Interim_Measures_HLD		In
Photo Capture/Camera	D2.2.2_Capture_Photo_HLD		In
Signature Capture	D.2.2.48_Signature_Pad_HLD		In
Barcode Reader Integration	D2.2.47_Barcode_Reader_Integration_HLD		In
Document Scanning	D2.1.8.11_Document_Scanning_HLD & Addendum		In
Commercial Driver License Original (CDL)	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Renewal	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Commercial Driver License Correction	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
Commercial Driver License - Out of State Surrender	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Endorsement TIP/TOP Original	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Endorsement TIP/TOP Renewal	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Endorsement TIP/TOP Duplicate	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Commercial Driver License Endorsement TIP/TOP Cancellation	D2.2.8_CDL_Endorsements_HLD & Addendum		In
CDL Hazmat 90 Day Extension	D2.2.8_CDL_Endorsements_HLD & Addendum		In

In-House/Branch Phase Scope – Transactions <i>(as defined in the referenced HLDs and/or Specifications)</i>			
Transaction/Function Description*	HLD/Spec Reference	Comments /Exclusions**	In Scope for In-House and Branch Release
Seasonal Commercial Driver License	D2.2.8_CDL_Endorsements_HLD & Addendum		In
Motorcycle Endorsement	D2.2.6_Original_Operator_Chaffer_HLD		In
Michigan Endorsements (e.g. farm)	D2.2.6_Original_Operator_Chaffer_HLD		In
Graduated Driver License Original (GDL1/GDL2/GDL3)	D2.2.9_Original_GDL_HLD		In
Graduated Driver License Renewal	D2.2.42_EDL_RealID_HLD_Addendum1		In
Graduated Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Graduated Driver License Correction	D2.2.10_GDL_Correction_HLD		In
Graduated Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
Minor Restricted Driver License Original	D2.2.18_Original_Other_Licenses_HLD		In
Minor Restricted Driver License Renewal	D2.2.19_Renewal_Other_Licenses_HLD		In
Minor Restricted Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Minor Restricted Driver License Correction	D2.2.20_Other_Licenses_Corrections_HLD		In
Minor Restricted Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
Moped Driver License Original	D2.2.18_Original_Other_Licenses_HLD		In
Moped Driver License Renewal	D2.2.19_Renewal_Other_Licenses_HLD		In
Moped Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Moped Driver License Correction	D2.2.20_Other_Licenses_Corrections_HLD		In
Moped Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
Restricted Driver License Original	D2.2.46_Restricted_License_HLD		In
Restricted Driver License Renewal	D2.2.46_Restricted_License_HLD		In
Restricted Driver License Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Restricted Driver License Correction	D2.2.46_Restricted_License_HLD		In

In-House/Branch Phase Scope – Transactions <i>(as defined in the referenced HLDs and/or Specifications)</i>			
Transaction/Function Description*	HLD/Spec Reference	Comments /Exclusions**	In Scope for In-House and Branch Release
Restricted Driver License Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
Selective Service	CC25118 Selective Service HLD Selective Service Interface HLD		In
180-Day Extensions Driver and Chauffeur Original	D2.2.58_In_House_OSRS_RBM_Driver_Transactions_HLD		In
180-Day Extensions Driver and Chauffeur Duplicate	D2.2.21_Duplicate_Licenses_HLD		In
Driver License Denials	CC26595 - Driver License Denials HLD		In
Personal Identification Card Original	D2.2.1_Original_Personal_ID_HLD & Addendum		In
Personal Identification Card Renewal/Duplicate	D2.2.3_Renewal_Duplicate_Personal_ID_HLD & Addendum		In
Personal Identification Card Correction	D2.2.4_Correction_Personal_ID_HLD & Addendum		In
Personal Identification Card Cancellation	D2.2.24_Cancel_Licenses_HLD & Addendum		In
EDL Personal Identification Card Original	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Personal Identification Card Renewal	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Personal Identification Card Duplicate	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Personal Identification Card Correction	D2.2.42_EDL_RealID_HLD & Addendum		In
EDL Personal Identification Card Cancellation	D2.2.42_EDL_RealID_HLD & Addendum		In
Quick Search (Customer/Product)	D2.1.1_Customer_HLD & Addendums D2.1.6_Search_Vehicle_HLD & Addendums		In
Advanced Search (Customer/Product)	D2.1.1_Customer_HLD & Addendums D2.1.6_Search_Vehicle_HLD & Addendums		In
Add New Customer - Individual	D2.1.1_Customer_HLD & Addendums		In
Add New Customer - Business	D2.1.1_Customer_HLD & Addendums		In
Update Customer	D2.1.1A_Update_Customer_HLD & Addendums		In
Unknown Customer	D2.2.1B_Unknown_Customer_Type_HLD & Addendums	Same as "In-House Unknown Customer" below.	In
Multiple Locations for Business Customers	CC26737 - MultipleLocations for Business Customers		In