

# Alpha 2 definition

## **Transmission and Reception**

- The ability to send, receive and execute all commands over the local network, Fake Sky or satellite:
  - Clock Command
  - Reboot Command
  - Time Zone Command
  - Remote Command Line
    - Ability to update software via a command script
  - Phone Home Command (dependent on test modems)
- Back Office ability to send files at 4.5Mbits over the local network or Fake Sky
- Back Office ability to send files at 4.5Mbits over satellite
- Back Office ability to Issue alerts in case of transmission problems. [*From Alpha 1*]
- The ability of the remote unit to reliably receive files at 4.5Mbits over the local network , Fake Sky or satellite while concurrently
  - Running Hollywood & associated services without apparent degradation
  - Running remote SQL functions & updating remote databases

## **Monitoring and Logging**

- Mature administrative application, Spotlight, the core of the backhaul.
  - SpotLight Agent (remotely resident) handles dial home and reporting of monitoring information
    - Ability to report version of object [*From Alpha 1*]
  - SpotLight Manager (Back Office resident) handles queue and consolidation of requests phone requests
  - SpotLight Application is the GUI interface
- All threaded objects have Level 2 monitoring [If the object is not running, report why ]. Some objects now have Level 3

## **Display Functionality**

- Full tagging that includes the following:
  - Text and graphics intermixed
  - Second page order information
  - Source Bitmaps [Logette support]
  - 1/2 screen tagging with no background [Clear Tagging]
  - 2/3 screen tagging with no background [Sports Tagging]
  - Ability to display a literal tag with Any Text[*From Alpha 1*]
  - Airing Frequency / Weekdays, Weekends [*From Alpha 1*]
- First pass Flex.M4 Grid support (including data views and summaries) with the following: exceptions
  - **NO** Scrolling
  - **NO** Smooth transition to EVD.
- Flex.M4 Grid support with snap EVD. [ Since there is no black time, the look of the EVD transition needs definition and clarification]
- Schedule and Play a video (from local HD) function of tulsa card and driver [*From Alpha 1*]

## **Back Office Functionality**

- **Bridges** to external systems are functional:
  - Apollo source of programs and schedules
  - Paradigm source of advertising and placement
  - Prism source of channel maps and ppv
  - Vault source of media information
  - Localization source of Prevue Around Town information
  - News source of News for Prevue segment
  - Weather source of weather information for Prevue segment
  - HP source of Regional Ads
  - LASER provide LASER with ancillary billing data
- **The Vault**
  - **The Vault GUI Application**
    - Support multiple levels of security (Full, Limited, ReadOnly)
    - **The Vault Inventory Manager** will:
      - Support multiple physical media items of different formats for each logical media
      - Interface seamlessly with the Task Manager
      - Ability to store attributes about the logical record of media (media book record, formally media edit) before the physical media file exists.
      - Have the ability to group media book records using Categories and Subcategories
    - **The Vault Task Manager** (formally work flow) will:
      - Track all jobs and all associated tasks for those jobs throughout the Vault
      - Support the ability to start a job at any point in the process
      - Maintain the completed tasks in the Job history tables
    - **The Vault and Media Library integration.**
    - **Produce MediaPlay** for use by Promotional Philosophy
    - **The Vault Data Seed** – data must start being entered two weeks before implementation
  - **Promotional Philosophy** with plot-based scheduling is in place.
    - X52 GUI application
    - National promotion engine and
    - Local promotion engine
  - **The Backlot**
    - **Tourists** – responsible for QA of respective information
      - Grid
      - Screenplay
      - On Location
      - Now Showing
      - Configuration
      - StoryBoard
      - News?
      - Weather?
    - **Bus Tour** – delivery of tourists to the set
    - **Studio GUI**
      - **Studio** supports dynamic product specific configuration additions and adjustments
      - **Studio** provides view only access to data sourced from other systems
    - **Style and Layout Design** configures look and feel of target
    - **Control Booth** – supports automatic, scheduled, or manually submitted transmission of data
  - **Consolidator** will group like requests for transmission efficiency
  - **Staging Manager** - checks for file availability in transmission queue, and retrieves from HSM if necessary.
  - National feed over Fake Sky with dual video, half screen video, and EVD video.

- Ability to unicast and broadcast all the information needed at the remote unit over the local network or Fake Sky
- Ability to multicast all the information needed at the remote unit over the local network or Fake Sky.
- Operational Backhaul (see SpotLight). Minimum a modem bank
  - Log Analysis
  - BackOffice Diagnostics
- **Media Retrieval** will interface to HSM for media retrieval and delivery

### **Assumptions**

- Test units:
  - One HW unit locked in the Product Support lab receiving data, video, and audio over satellite.
  - One HW unit in Denver receiving data, video, and audio over satellite
  - One HW unit with each of the 5 customer support groups
  - 5 additional HW units at undetermined locations
- Web based bug tracking. All known problems will be documented and published on the web site for easy access by all
- Tourist
  - HW sourced data will be QA'd before transmission to a remote unit
  - Non HW sourced data will have the links to other data verified before transmission to a remote unit
- **Regional Ads** will be implemented in a temporary fashion, mimicking the hp, not taking advantage of the new platform
- **Localization** *could* be implemented in a temporary fashion, mimicking the hp, not taking advantage of the new platform
- The first beta customers will share the exact same **Style and Layout Design**
- **Style and Layout Design** changes to target will not be reflected until reboot
- Normal delivery of data will be handled through scheduled transmissions
- Only one physical database model will be transmitted to the remote unit
- Temporary transponder is in place
- The "Look" will be Flex.M4

## SIM5 Target date delivery to PDQA 9/21

### ***Transmission and Reception***

- The ability to send, receive and execute all commands over the local network and Fake Sky
  - Clock Command
  - Reboot Command
  - Time Zone Command
  - Remote Command Line
    - Ability to update software via a command script

### ***Back Office Functionality***

- National feed over Fake Sky with dual video, half screen video, and EVD video.
- Ability to unicast and broadcast all the information needed at the remote unit over the local network or Fake Sky
- **Bridges** to external systems are functional for full bulk loads:
  - Apollo source of programs and schedules
  - Prism source of channel maps and ppv
  - Vault source of media information
- **The Vault**
  - **The Vault GUI Application**
    - **Produce MediaPlayer** for use by Promotional Philosophy
- **Promotional Philosophy** with plot-based scheduling in place.
  - National promotion engine and
  - Local promotion engine
- **The Backlot**
  - **Tourists** – responsible for QA of respective information
    - Grid
    - Screenplay
    - On Location
    - Now Showing
    - StoryBoard
  - **Bus Tour** – delivery of tourists to the set

## SIM6 Target date delivery to PDQA 10/12

### **Transmission and Reception**

- The ability to send, receive and execute all commands over the local network and Fake Sky:
  - Phone Home Command (dependent on test modems)

### **Monitoring and Logging**

- Mature administrative application, Spotlight, the core of the backhaul.
  - SpotLight Agent (remotely resident) handles dial home and reporting of monitoring information
    - Ability to report version of object [*From Alpha 1*]
  - SpotLight Manager (Back Office resident) handles queue and consolidation of requests phone requests
- Some threaded objects have Level 2 monitoring [If the object is not running, report why ].

### **Display Functionality**

- First pass Flex.M4 Grid support (including data views and summaries) with the following: exceptions
  - NO Scrolling
  - NO Smooth transition to EVD.

### **Back Office Functionality**

- **Bridges** to external systems are functional for full bulk loads:
  - Prism                    source of channel maps and ppv
  - News                    source of News for Prevue segment
  - Weather                source of weather information for Prevue segment
  - HP                        source of Regional Ads
- **The Vault** Inventory Manager will:
  - Support multiple physical media items of different formats for each logical media
  - Interface seamlessly with the Task Manager
  - Ability to store attributes about the logical record of media (media book record, formally media edit) before the physical media file exists.
  - Have the ability to group media book records using Categories and Subcategories
- **Promotional Philosophy** with plot-based scheduling is in place.
  - X52 GUI application
- **Tourists** – responsible for QA of respective information
  - Configuration
- **Studio GUI**
  - **Studio** supports dynamic product specific configuration additions and adjustments
  - **Studio** provides view only access to data sourced from other systems
- **Style and Layout Design** configures look and feel of target
- **Control Booth** – supports automatic, scheduled, or manually submitted transmission of data
- **Consolidator** will group like requests for transmission efficiency
- **Staging Manager** - checks for file availability in transmission queue, and retrieves from HSM if
- Ability to multicast all the information needed at the remote unit over the local network or Fake Sky.
- Operational Backhaul (see SpotLight). [ 2 modem lines on Tinsel Town?]
- **Media Retrieval** will interface to HSM for media retrieval and delivery

SIM7 Target date delivery to PDQA 10/30

### ***Transmission and Reception***

- Back Office ability to send files at 4.5Mbps over satellite
- The ability of the remote unit to reliably receive files at 4.5Mbps over the local network , Fake Sky or satellite while concurrently
  - Running Hollywood & associated services without apparent degradation
  - Running remote SQL functions & updating remote databases

### ***Monitoring and Logging***

- Mature administrative application, Spotlight, the core of the backhaul.
  - SpotLight Application is the GUI interface
- All threaded objects have Level 2 monitoring.

### ***Display Functionality***

- Full tagging that includes the following:
  - Text and graphics intermixed
  - Second page order information
  - Source Bitmaps [Logette support]
  - 1/2 screen tagging with no background [Clear Tagging]
  - 2/3 screen tagging with no background [Sports Tagging]
- Flex.M4 Grid support with snap EVD. [ Since there is no black time, the look of the EVD transition needs definition and clarification]
- Schedule and Play a video (from local HD) function of tulsa card and driver [*From Alpha 1*]

### ***Back Office Functionality***

- **Bridges** to external systems are functional:
  - Apollo                updates available
  - Localization        Bulk load
  - LASER                Bulk load
- **The Vault**
  - **The Vault GUI Application**
    - Support multiple levels of security (Full, Limited, ReadOnly)
    - **The Vault Task Manager** (formally work flow) will:
      - Track all jobs and all associated tasks for those jobs throughout the Vault
      - Support the ability to start a job at any point in the process
      - Maintain the completed tasks in the Job history tables
    - **The Vault and Media Library integration.**
    - **The Vault Data Seed** – data must start being entered two weeks before implementation
  - **The Backlot**
    - **Tourists** – responsible for QA of respective information
      - News?
      - Weather?

## TBD Target date undetermined

- Back Office ability to Issue alerts in case of transmission problems. [*From Alpha 1*]
- All threaded objects have Level 2 monitoring [If the object is not running, report why ]. Some objects now have Level 3
- Ability to display a literal tag with Any Text[*From Alpha 1*]
- Airing Frequency / Weekdays, Weekends [*From Alpha 1*]
- Graphic ad capability as outlined by [redacted] et all

We do **not** have any plans to provide update processing for the following:

**Bridges** update ability for: [Note if the bridges perform well, updates will not be necessary. ]

Paradigm	source of advertising and placement
Prism	source of channel maps and ppv
Vault	source of media information
Localization	source of Prevue Around Town information
News	source of News for Prevue segment
Weather	source of weather information for Prevue segment
HP	source of Regional Ads
LASER	provide LASER with ancillary billing data

## Issues:

Is there support for broadcasting files on an ad hoc basis?

*My List of Features that potentially require further clarification: Beta +*

- Localization (Beta)
- Video insertion. (Beta)
- Co Branding (Beta)
- retail trade zone support (post Beta)

Beta

3.7. Audio actor