



To: Distribution
From: Jerry Huller
Date: March 13, 1995
Subject: Destineer Requirements Database Update

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1. An update to the Destineer Functional Requirements Database (FRD) is now available. The update incorporates most of the changes discussed at the Requirements Review held in January. A few are still being worked on.
 - Remember that the new features may require that new transactions be identified and implemented.
2. I incorporated all inputs I had as of last Friday, and I generated the file "nocreq5.mdb." I also included proposed new requirements which are described in four memos dating from February 20 to March 9; their requirement ID starts with "aa-", to facilitate review.
3. A copy of the report of open requirements is attached. There are 594 outstanding requirements, counting 13 proposed new ones. Request that you review the report and identify any changes which are needed by April 28. If necessary, we will hold another technical session to update the FRD.
4. A copy of the latest version of the Functionality Matrix is also attached. It needs to be updated to reflect the changes in the FRD, particularly for release 1.0 (e.g., add SkyNews and SkyQuotes capabilities).
5. The above files are available on softcopy to ATC personnel.
 - The FRD is on the ATC network in ATC_DATA\RQMTS\nocreq5.mdb (Microsoft Access format)
 - The Functionality Matrix is on the ATC network in ATC_DATA\RQMTS\rel06j.xls (Microsoft Excel format)
6. The FRD is available to CEI and SAE personnel in the xfer directory on Puma.

Attachments (2)

FILE

Distribution: Ed Chwieseni
Bruce Deer
Stephen Oshinsky ✓
Roger Dauzat (SAE) - without attachments
Paul Keegan (SAE) - without attachments
Gar Sprez (CEI) - without attachments

cc: Jeff Nielson - without attachments
Dinesh Sheth

NWN Functional Requirements

Open Requirements

13-Mar-95

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ID: aa-ack-broadcast-msg **Assigned To:** **Counter: 1**

Brief Description: Provide the capability to send delivery & read acks to certain broadcasts.

Detailed Description: Destineer shall provide the capability to send delivery acknowledgement and a read acknowledgement of certain broadcast messages. The system will also provide the capability to limit the size of groups which have the acknowledgement features.

Issues Description:

Source: mtel-smo **Issues:** No
Subsystems: **Reference:**

ID: aa-ack-to-msg-reply **Assigned To:** **Counter: 2**

Brief Description: Provide the capability to send delivery & read acks to a msg reply.

Detailed Description: Destineer shall provide the capability to send delivery acknowledgement and read acknowledgement of a reply. For example, if you send me an MCR message, and I send you an MCR reply back, then I will receive delivery and/or read acknowledgement that you have gotten my reply.

The ack may be provided to a PMU, PC terminal, fax machine, or voice mailbox.

Issues Description:

Source: mtel-smo **Issues:** No
Subsystems: **Reference:**

ID: aa-broadcast-mcr **Assigned To:** **Counter: 3**

Brief Description: Provide the capability to send broadcast MCR msgs.

Detailed Description: Destineer shall provide the capability to send broadcast Multiple Choice Response (MCR) messages.

Issues Description:

Source: mtel-smo **Issues:** No
Subsystems: **Reference:**

ID: aa-broadcast-news **Assigned To:** **Counter: 4**

Brief Description: Provide Skynews.

Detailed Description: Destineer shall provide the capability to distribute SkyNews. This is an existing UMS feature needed for Destineer.

Issues Description:

Source: UMS **Issues:** No
Subsystems: **Reference:**

ID: aa-broadcast-quotes **Assigned To:** **Counter: 5**

Brief Description: Provide SkyQuotes

Detailed Description: Destineer shall provide the capability to distribute SkyQuotes for 1-4 stocks twice each business day. This is an existing UMS feature needed for Destineer.

Issues Description:

Source: UMS **Issues:** No
Subsystems: **Reference:**

ID: aa-confirm-mcr-choice **Assigned To:** **Counter: 6**

Brief Description: Check for confirmation before sending MCR choice.

Detailed Description: Destineer shall provide the capability for a user to confirm an MCR choice before sending the MCR response.

Issues Description:

Source: mtel-jh **Issues:** No
Subsystems: **Reference:**

ID: aa-customer-individual-enable-dis **Assigned To:**

Counter: 7

Brief Description: Authorize individual turn on/off of acks.

Detailed Description: Destineer shall provide the capability for a customer to authorize associated subscribers to individually enable and disable delivery and read acknowledgments.

Issues Description:

Source: mtel-smo

Issues: No

Subsystems:

Reference:

ID: aa-disable-pmu-acks

Assigned To:

Counter: 8

Brief Description: Provide capability to disable delivey & read acks for PMU.

Detailed Description: Destineer shall provide the capability for a subscriber to disable delivery and read acknowledgments for a PMU

Issues Description:

Source: mtel-smo

Issues: No

Subsystems:

Reference:

ID: aa-log-msgs

Assigned To:

Counter: 9

Brief Description: Store a log of all outgoing messages.

Detailed Description: Destineer shall provide the capability to store a log of all messages sent by a subscriber. This is essentially an autocopy of all message sent out.

Issues Description:

Source: mtel-smo

Issues: No

Subsystems:

Reference:

ID: aa-mt-trouble-ticket-send

Assigned To:

Counter: 10

Brief Description: Provide the capability to send trouble ticket bewteen MTs.

Detailed Description: Destineer shall provide the capability to send a trouble ticket from one Master Terminal to another. Destineer shall provide the capability for the operator to attach a text or voice message to the trouble ticket

Issues Description:

Source: mtel-mg

Issues: No

Subsystems:

Reference:

ID: aa-multi-response

Assigned To:

Counter: 11

Brief Description: Can respond with MCR and canned response.

Detailed Description: Destineer shall provide the capability for a subscriber to respond to a Multiple Choice Response (MCR) message with an MCR response and with a canned response, which may be initiated at different times.

Scenario: a caller leaves the following MCR message for PIN 9999999: "What's the status of the proposal? a) accepted b) rejected". The recipient sends the 1st response from the canned message list: "Will get back to you". At some time later, the recipient sends the 2nd response from the MCR list: "accepted". [Source: Stephen]

Issues Description:

Source: mtel-smo

Issues: No

Subsystems:

Reference:

ID: aa-originate-canned-msg

Assigned To:

Counter: 12

Brief Description: Provide capability to send canned message to NOC.

Detailed Description: Destineer shall provide the capability for a subscriber to originate sending a canned message addressed to the NOC. The objective is to offer advanced information/transaction service with a simple Tango type PMU device.

A customer subscribes to "special services and option" from Destineer. His/her NOC record is configured with this new option. A special set of CANNED MESSAGES is loaded into the PMU. The subscriber can send any of these special canned messages to the NOC without first receiving a message from the NOC, i.e., the subscriber can originate a canned message to the NOC. This canned message is addressed to the NOC, which analyzes the message and takes appropriate action on that message.

- Example 1: Canned message "10" for a subscriber is defined as "send local weather information now." When the PMU sends canned message 10 to the NOC, the NOC will get the weather information from the information service provider and send it to the subscriber PMU.

- Example 2: Canned Message "17" for a subscriber is defined as "call home (601-123-4567) and deliver a voice message that 'I will be late'." When the PMU sends this message to the NOC, the NOC will call the home number and deliver the recorded message "I will be late."

In this implementation a simple PMU will have up to 128 canned messages that can be used for these type of applications. By implementing this functions with simple PMU, we move into advanced functionality (kind of agent service) without waiting on an advanced PMU.

Issues Description:

Source: mtel-bp **Issues:** No
Subsystems: **Reference:**

ID: aa-real-time-track-msgs

Assigned To:

Counter: 13

Brief Description: Provide real-time tracking of certain subscriber actions.

Detailed Description: Destineer shall provide real-time tracking of the following items, considered as a single subscriber transaction:

- message entry,
- messages sent (and attempts),
- message acknowledgments and replies,
- attempts to check on acknowledgments and replies.

Issues Description:

Source: mtel-smo **Issues:** No
Subsystems: **Reference:**

ID: access-db-people

Assigned To:

Counter: 14

Brief Description: Restrict access to authorized people

Detailed Description: Data services shall make data available only to authorized persons as defined by the System Operator.

Issues Description:

Source: cet **Issues:** No
Subsystems: **Reference:** SR1-5.2.2.2.a, SR1-5.2.2.1, SR1-5.4.4

Data Management
Security Management

ID: access-db-processes

Assigned To:

Counter: 15

Brief Description: Restrict access to data to authorized processes

Detailed Description: Data shall be accessible only to authorized processes as defined by the System Operator.

Issues Description:

Source: **Issues:** No
Subsystems: **Reference:** SR1-5.2.2.2.a

Data Management
Security Management

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