

Rosetta Stone

INTERFACE EXCHANGE AGENT

Any File, Any Format, Anywhere!

Filter Lab Results Meditech™ to Logician™

Situation: Meditech Sends All Lab Results, Not Just Logician Lab Results

Meditech does not determine which lab results are associated with patients in Logician and which are not. As a result Meditech sends all lab results to Logician regardless of whether the patient is in Logician or not. If the patient does not exist in Logician, an error message will be generated which must be resolved manually.

Resolution: Rosetta Stone

Rosetta Stone captures all lab result messages being sent to Logician from Meditech and filters out all messages for patients that do not exist in Logician. Only lab results for existing Logician patients are forwarded onto Logician.



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Details of Resolution:

Rosetta Stone captures all lab result messages being sent to Logician from Meditech and queries the Logician database for the existence of the patient. If Rosetta Stone finds the patient in the Logician database, Rosetta Stone will forward the lab result message onto Logician. If Rosetta Stone does not find the patient in the Logician database, Rosetta Stone will discard the message.

Rosetta Stone Filters The Message Using The Following Condition

The screenshot shows the 'Condition' dialog box with the following details:

- Condition Type:** Database Query
- Compare Type:** Is Greater Than or Equal To (>=)
- Value:** 1
- Hexidecimal Value:** 31
- Database Connection:** Logician
- Correlation Node:** ORU Message
- SQL Statement:**

```
SELECT COUNT(*)
FROM EXTID
WHERE
EXTERNALID = '{1. S [ 3.1 - Patient External ID
```
- Source Message List:** 1. (3.1 - Patient External ID)

A Database Query condition is used to Determine if the message will be forwarded onto Logician or discarded.

The 'Patient External ID' (PID-3.1) is used in the database query to determine if the patient exists in Logician.