

CM-10: Software Validation

Definition

Measures software validation test results for Production Releases of BellSouth Local Interfaces.

Exclusions

None

Business Rules

BellSouth maintains a test deck of transactions that are used to validate that functionality in software Production Releases work as designed. Each transaction in the test deck is assigned a weight factor, which is based on the weights that have been assigned to the metrics. Within the software validation metric weight factors will be allocated among transaction types (e.g., Pre-Order, Order Resale, Order UNE, Order UNE-P) and then equally distributed across transactions within the specific type.

BellSouth will begin to execute the software validation test deck within one (1) business day following a Production Release. Test deck transactions will be executed using Production Release software in the CAVE environment. Within seven (7) business days following completion of the Production Release software validation test in CAVE, BellSouth will report the number of test deck transactions that failed. Each failed transaction will be multiplied by the transaction's weight factor.

A transaction is considered failed if the request cannot be submitted or processed, or the results in incorrect or improperly formatted data.

Calculation

This software validation metric is defined as the ratio of the sum of the weights of failed transactions using Production Release software in CAVE to the sum of the weights of all transaction in the test deck.

- Numerator = Sum of weights of failed transactions
- Denominator = Sum of weights of all transactions in the test deck

Report Structure

- BellSouth Aggregate

Data Retained

- Report Period
- Production Release Number
- Test Deck Weights
- % Test Deck Weight Failure

SQM Level of Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
• Region	• ≤ 5%

SEEM Measure

SEEM Measure		
No	Tier I	
	Tier II	
	Tier III	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
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