



AMAssurance Solution

In active collaboration with industry experts and leaders we have designed a comprehensive set of tools that assist in detecting AMA data errors and stop revenue leakage at the source.

The AMAssurance solution leads the market in analyzing AMA data as it uniquely verifies switch jurisdiction, does timestamp to signaling comparisons, and checks all critical billing fields contained in the AMA records. In addition, it performs “cross-checks” of information to validate each field.

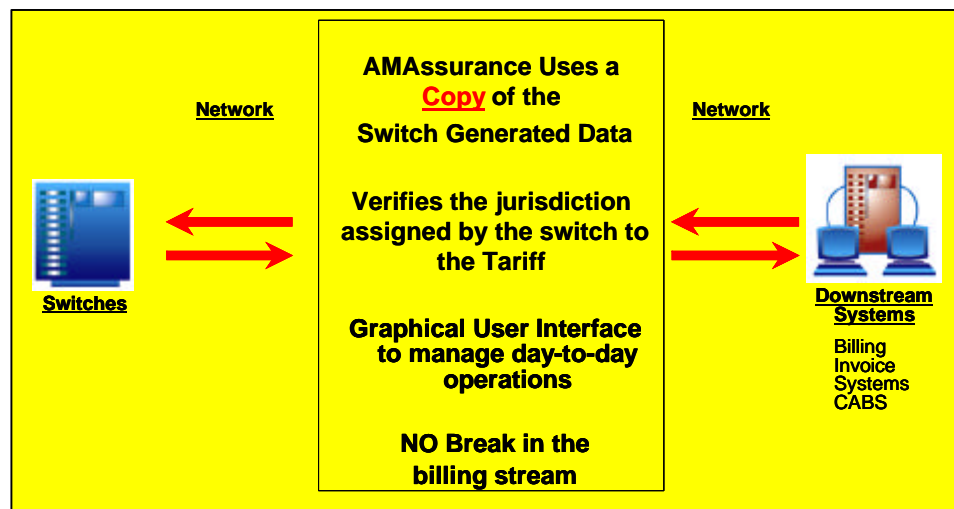
AMAssurance is also the only verification system that can validate trunk information and AMA modules.

AMAssurance Features

- Extensive Management Reporting (In actual Dollar values).
- Automated email notification.
- User friendly- Intuitive browser-based GUI.
- Minimal System Administration & Training Requirements.

Benefits & Advantages

One of the main advantages of AMAssurance is that the solution is not hardware dependent. It is designed to operate in the UNIX/ Linux environment.



AMAssurance validates the AMA records generated by the switch to perform actual production record processing.

Unlike other products, no line ordering or provisioning is necessary with AMAssurance. No test calls are ever generated.

Current processing throughput is over 3,500

records per second (Pentium IV platform).

Terminating traffic testing is included in normal processing with no extra effort.

- All verifications are performed to industry standards contained in GR-1100, GR-1083, GR-508, GR-540, and SR-69.



Sample AMAssurance Reports

Typical AMAssurance Summary Report

Telegence AMAssurance Report

Sun Aug 29 20:32:06 2004

Report is for - All Sensor IDs

1. AMA Total Records checked for indicated Sensor IDs

2. ERRORS report:

Number	Elapsed of Time	Total CDR	Revenue(\$)	alarmText
298258	6742:18:21	[U]	\$ 2136.15	** WARNING: No che
2	0:00:02	[U]	\$ 0.10	** ERROR: Overseas
4345	183:40:04	[U]	\$ 5786.96	** ERROR: Calling
244440	2710:34:43	[U]	\$ 4139.00	** ERROR: ACCESS r
227452	8648:17:51	[U]	\$ 8244.38	** ERROR: ACCESS r
819	34:45:16	[O]	\$ 4879.52	** ERROR: This rec
12	0:18:57	[U]	\$ 65.38	** ERROR: Terminating NPA is equal to zeros
1	0:00:02	[O]	\$ 0.19	** ERROR: Terminating Number is equal to zeros
1971	78:28:26	[U]	\$ 1923.18	** ERROR: Orig Number out of range
34489	3330:46:19	[U]	\$16787.50	** ERROR: Term Number out of range
75626	1785:03:34	[O]	\$ 3221.75	** ERROR: Place lookup from Orig Number not in DB
2371	93:15:29	[U]	\$ 882.44	** ERROR: CNAT should have been IXC Call Type Code 119

3. Accounting report:

Total Over Billing Revenue: \$ 958122.44
 Total Under Billing Revenue: \$6615968.50

Absolute Revenue : \$7574090.94
 Net (Under - Over) : \$5657846.06

4. Unchecked AMA Record types:

SC-CC: 0001-801	Quantity:	9
SC-CC: 0625-065	Quantity:	73304
SC-CC: 0625-810	Quantity:	29120
SC-CC: 1030-330	Quantity:	2291
SC-CC: 0502-801	Quantity:	21404

5. End of Report

Typical Detail Error Report:

```
#019 ***** ERROR: Call recorded as ACCESS record should have recorded as LOCAL
AMA Record in Error:1 error(s) reported for record: 0069429
00625c110c008c0692374c032c0000001c40209c00000c0000
000c0c0c000c692c1234489c1c00692c4448945c0043106c
000000020c02881c40209c0042404c000000321c010c30706c
0c1c3c
KeyFields (Tables) :
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```
Calling Number (13/14) :6921234489
Calling Rate Center :ANYCITY ST
Answer Indicator (9) :0 ANSWERED
Overseas Indicator (15) :1
Elapsed Time (19) 0MMMMSSs :000000020
Called Number (16/17) :006924448945
Called Rate Center :ANYTOWN PA
Local Rate Table lookup :IS LOCAL
LATA check :SAME LATA
Trunk Group Number (83) :30706
Carrier Ident Code (57) :0288 1
ANI Indicator (60) :3
Dialing Indicator (85) :1 CAC NOT DIALED PRESUBSCRIBED
Routing Indicator (59) :0 DIRECT
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