

AMA/ CDR Search & Reporting

--- Call Search Benefits ---

The NAMS® Centralized Call Search module is of great assistance to many departments within the telephone company. Instant call searches help meet CALEA and SARBANES-OXLEY requirements and is a vital tool for use by security personnel in validating fraudulent call events when fraud alarms are triggered. AMA/CDR Search & Reporting also gives network maintenance personnel a high degree of call visibility aiding greatly in troubleshooting network problems. The same high degree of call visibility on a near real-time basis also helps customer service personnel assist customers with problematic calls.

Call Search allows the user to display real-time AMA/CDR call record information in a full detail or condensed report fashion. For BAF format, the Call Search module combines information from structure codes and module codes to make a single record presentation rather than requiring the user to wade through multiple records to obtain all information about a call. The NAMS® Centralized Call Search can also include the associated LERG information to provide a complete and comprehensive informational view of the call all in one step.

--- Call Search Features ---

- Near Real-time global searches
- Very fast due to partitioned database
- Search results can be in screen or report format
- Associated LERG information can be displayed
- Associated SS7 information can be displayed
- Formats — BAF, EMI, SMDR, Fixed Length
- Call Search results also display usage statistics
- Complex queries can be made

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|---------------------------------------------------------------------|-----------------------------------------------------------|
| <i>Structure Code</i> | |
| <input type="text" value="4"/> Module Indicator | <input type="text" value="0625"/> Structure Code |
| <i>Call Type</i> | |
| <input type="text" value="720"/> Call Type Code | |
| <i>Terminating NPA</i> | |
| <input type="text" value="00"/> International Expander Positions | <input type="text" value="503"/> Numbering Plan Area |
| <i>Terminating Number</i> | |
| <input type="text" value="941"/> NXX | <input type="text" value="3218"/> Station Number |
| <i>Originating NPA</i> | |
| <input type="text" value="503"/> NPA | |
| <i>Originating Number</i> | |
| <input type="text" value="416"/> NXX | <input type="text" value="9999"/> Station Number |
| <i>Trunk Group Number</i> | |
| <input type="text" value="3"/> Trunk Group SIGNaling Type Indicator | <input type="text" value="0151"/> Trunk Group Number |
| <i>LERG and Other Derived Information</i> | |
| Orig EO: <input type="text" value="PTLEORXMDS0"/> | Term EO: <input type="text" value="PTLEORXMDS0"/> |
| Orig OCN: <input type="text" value="9638"/> | Term OCN: <input type="text" value="7537"/> |
| Orig LATA: <input type="text" value="672"/> | Term LATA: <input type="text" value="672"/> |
| Orig City: <input type="text" value="PORTLAND"/> | |
| Term City: <input type="text" value="PORTLAND"/> | |
| Orig State: <input type="text" value="OR"/> | Term State: <input type="text" value="OR"/> |
| Orig TCLI: <input type="text" value="PTLDOR13C9T"/> | Term TCLI: <input type="text" value="BVTNORXB03T"/> |
| Orig FG: <input type="text" value="D"/> | Term FG: <input type="text" value=""/> |
| Orig Seizure: <input type="text" value="00000:45:34.80"/> | Term Seizure: <input type="text" value="00000:45:34.80"/> |
| Orig TG: <input type="text" value="151"/> | Term TG: <input type="text" value=""/> |
| Calling Cntrycd: <input type="text" value=""/> | Called Cntrycd: <input type="text" value=""/> |
| Calling Citycd: <input type="text" value=""/> | Called Citycd: <input type="text" value=""/> |
| Calling NPA: <input type="text" value="503"/> | Called NPA: <input type="text" value="503"/> |
| Calling NXX: <input type="text" value="416"/> | Called NXX: <input type="text" value="941"/> |
| Calling Station: <input type="text" value="9999"/> | Called Station: <input type="text" value="3218"/> |
| Orig LRN: <input type="text" value="5032490000"/> | Term LRN: <input type="text" value=""/> |