

MSAG/GIS Conference

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CenturyLink

CenturyLink ALI Conversion



CenturyLinkTM

Transition ALI Records to CenturyLink's ALI DB

BACKGROUND:

- Experience – CenturyLink currently manages an in-house ANI/ALI database system
 - ALI database provider for 20+ years
 - Over 11 million subscriber records in 21 states
 - Migrated over 7M records to the ANI/ALI database in 2009 with no service or technical issues
- Data Integrity – the content and format of the data presented to the PSAP remains in the same format as it appears today.

Benefits:

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Improves the Customer Experience –

- CenturyLink will be enabled to provide a better product as NG approaches.

Simplification of the ANI/ALI information delivery process – results in a reduction for errors

- Access to industry leading tools including a web-based interface for trouble management reporting & viewing of database records.



WebDBMS Tool

Customer Active ✖

NPA NXX NUMBER 911 DATAMASTER

TO TO

HOUSE # PRE STREET NAME SUFFIX POST

OVERLAND PARK 091 KS ESN

Lookup COMP ID1 EXCHANGE ORDER #

FUNCTION CLASS TYPE

MODIFIED FROM TO

Drag a column header and drop it here to group by that column

F	Number	Comp ID1	House Sfx	Pre Dir	Street Sfx	Street Name	Post Dir	House #	Community	County	State	Customer	ESN	Location	Exchange	Class	Type	Main No	Zip	Zip4	Comp ID2	TAR	Alt No
I	913-469-6401	911DM			BLVD	COLLEGE		7500	OVERLAND PARK	091	KS	911 DATAMASTER INC	00005			2	0	913 4696401					

- Query information is more specific
- Editing options are different
- Street entries in logical order
- Reports and search/query options

Transition Process

- Provide Notice to PSAPs & Carriers
- Dual Load CenturyLink (Self-Managed) ALI Database, powered by 911Datamaster, to mirror CenturyLink (Intrado-Managed) ALI Database
- MSAG validate all ALI Records
- Provision and expand current CenturyLink diverse and redundant ALI network
- Customer training on WebDBMS tools which allow the PSAPs to better manage their critical data
- Testing of all components to ensure a smooth transition
- Scheduled migration

Oregon IHAS Solution

Oregon ALI Network is connected via two Cisco 3825 routers located in the CenturyLink Belmont and Cypress Central Offices.

These two routers connect to the Intrado ALI network via the Intrado X25 Cloud.

Each PSAP has PVC's built in the Frame Relay cloud that take the traffic between the Cisco 3825's and the site. The Async connections then take that traffic to the Intrado ALI servers, one in Longmont, CO and the other is in Seattle.

Summary

- ❑ The Oregon CenturyLink ALI database will be migrated to CenturyLink's in-house database tentatively April 2015
- ❑ More training and additional information coming later in 2014 early 2015
- ❑ 911Net will no longer be used – WebDBMS new portal
- ❑ QUESTIONS

