



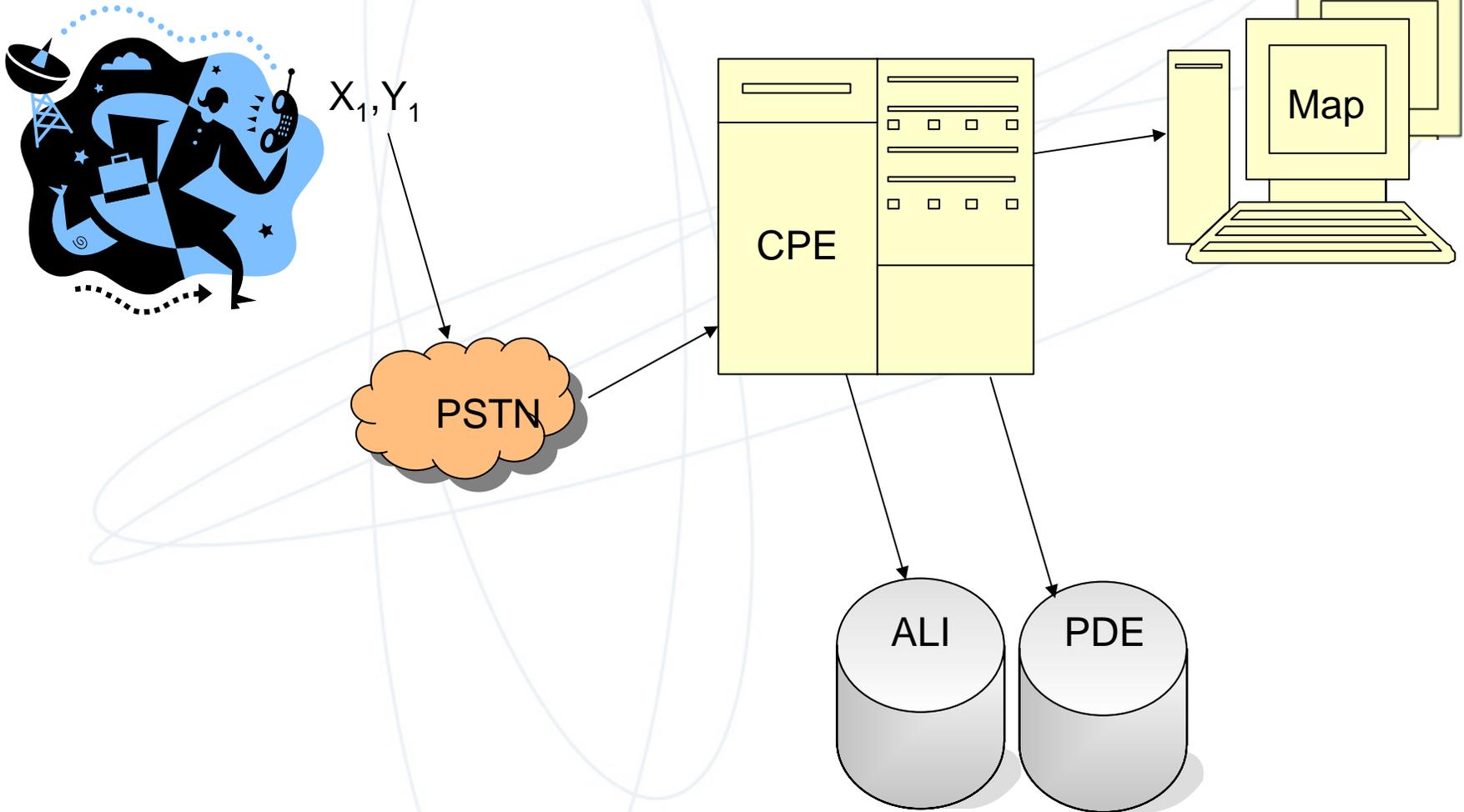
Rebidding For ALI

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Why Rebid?

- Landline
 - ALI not transmitting correctly
- Wireless
 - Update coordinate
 - Phase 1 to Phase 2
 - Caller is moving
 - Obtain latest coordinate prior to transfer

Phase 2 Rebidding

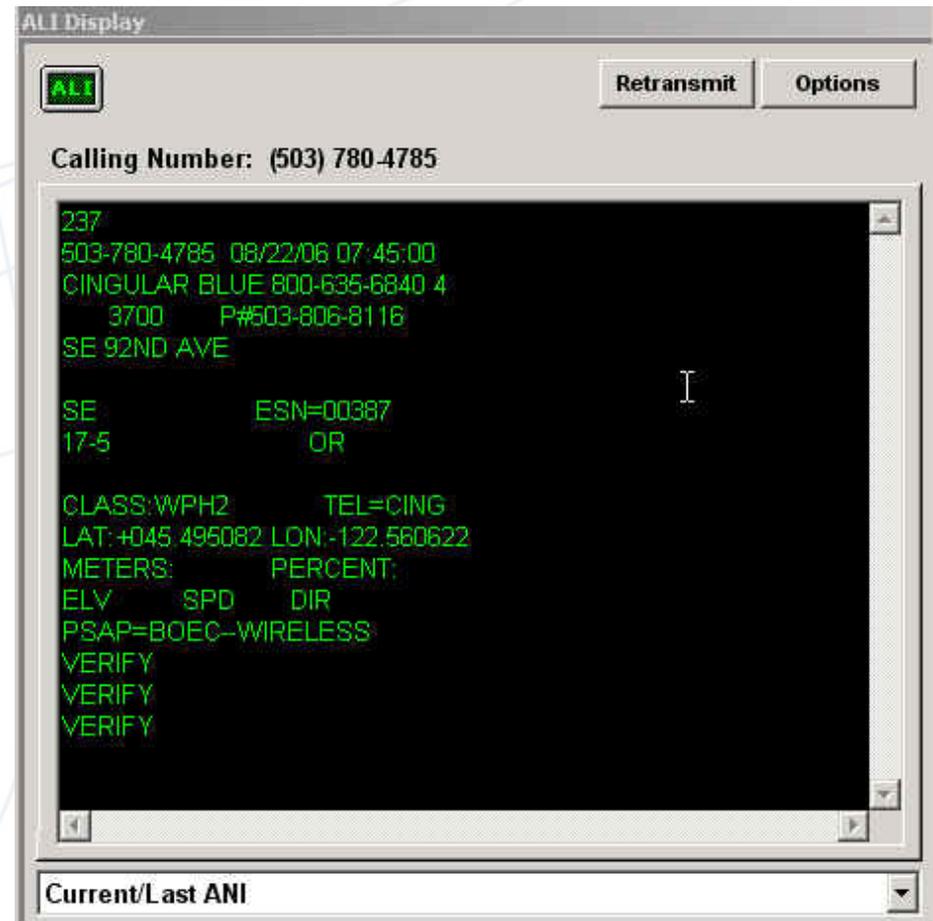


Phase 2 Characteristics

- Phase 2 data is all about timing and is a work in progress
 - Phase 2 data may not arrive in time for the initial ALI dip
 - The Position Determination Equipment is allowed up to 30 seconds to provide a valid Phase II location
- Every carrier does it differently (network vs. handset)
- Not every carrier has the same timing
- The technology deployed determines which phones will work for Phase 2
 - Intrado applies a 15 second delay on rebids
 - No bids processed if less than 15 seconds

How To Handle Rebidding

- Manual rebid
 - Determine one standard time delay to make it easier on your call takers
- Auto rebid
 - Use CPE capability based configurable parameters in ALI
 - Wireless COS
 - Confidence
 - Percent



Wireless Class Of Service

- Phase 0
 - Basic call info only.
 - No location or callback number
- Phase 1 (CELL, MOBL, W911, WRLS)
 - Coordinate from a phase 1 capable site
 - Tower coordinate or address
 - Cell sector centroid
- Phase 1.5 (WPH1)
 - Phase 1 coordinate from a phase 2 capable site
- Phase 2 (WPH2)
 - Coordinate from a phase 2 capable site
 - Handset based or network based

Confidence Factor

- FCC Wireless Requirements: Phase 2
 - To accurately plot the location of a wireless call in relation to other local features such as street centerlines or address points
- Phase 2 Wireless (Network Based)
 - Deliver the telephone number of the call
 - Deliver the latitude & longitude of the call
 - Call location to be correct within 100 meters 67% of the time
 - Call location to be correct within 300 meters 95% of the time
- Phase 2 Wireless (Handset/GPS Based)
 - Deliver the telephone number of the call
 - Deliver the latitude & longitude of the call
 - Call location to be correct within 50 meters 67% of the time
 - Call location to be correct within 100 meters 95% of the time

Auto Rebidding: Wireless COS

- Configure by wireless keyword
 - Phase 1.5
 - Phase 2

Wireless - [Add Wireless Keyword](#)

Items in red failed validation.

Keyword Row Number:	<input type="text" value="6"/>
Keyword Column Number:	<input type="text" value="1"/>
Keyword1 - Delete Wireless Keyword	<input type="text" value="WRLS"/>
Keyword2 - Delete Wireless Keyword	<input type="text" value="mobl"/>
CPN Row Number:	<input type="text" value="4"/>
CPN Column Number:	<input type="text" value="10"/>
Move CPN in ALL:	<input type="text" value="Yes"/>
Move CPN To Row Number:	<input type="text" value="2"/>
Move CPN To Column Number:	<input type="text" value="1"/>
2.0 Client Support During Upgrade:	<input type="text" value="No"/>
<input type="button" value="Save"/> <input type="button" value="Reset"/>	

Auto Rebidding: Configure Requests

- Configure by wireless keyword, confidence, and percent

Auto ALI Retransmit Request Settings

Auto ALI Retransmit Request:	<input type="text" value="Enabled"/>	
Stop requesting retransmits for a call after:	<input type="text" value="20"/>	Seconds
Request retransmit based on the LDT Confidence field:	<input type="text" value="Disabled"/>	
Retry until LDT Confidence is:	<input type="text" value="500"/>	Meters or Feet
Request retransmit based on the LDT Confidence Percent field:	<input type="text" value="Disabled"/>	
Retry until LDT Confidence Percent is:	<input type="text" value="80"/>	Percentage
Request ALI retransmit for keyword, WRLS, every:	<input type="text" value="10"/>	Seconds
Request ALI retransmit for keyword, MOBL, every:	<input type="text" value="5"/>	Seconds

ALI Rebidding Do's And Don'ts

- Do
 - Research, develop and confirm rebidding SOP
 - If auto rebidding, consider disable manual rebidding option
- Don't
 - Rebid if tower/carrier only provides phase 1
 - Hit the retransmit button numerous times
 - Busies ALI
 - Loss of voice transmission



Questions?

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Thank You

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