

Technical Service Bulletin

Product: Mobility Server

Purpose: Implement ADTRAN to access PBX feature codes

Date: 07/24/2006

Accessing PBX Feature Codes from the Mobility Server

General

Many commercial PBXs have feature codes that allow users to perform advanced calling functions such as call forwarding, voicemail access, call pickup, etc. With the DCT1900 Stand-alone system, users can access feature codes in the PBX since the users are actually a physical connection/extension in the PBX.

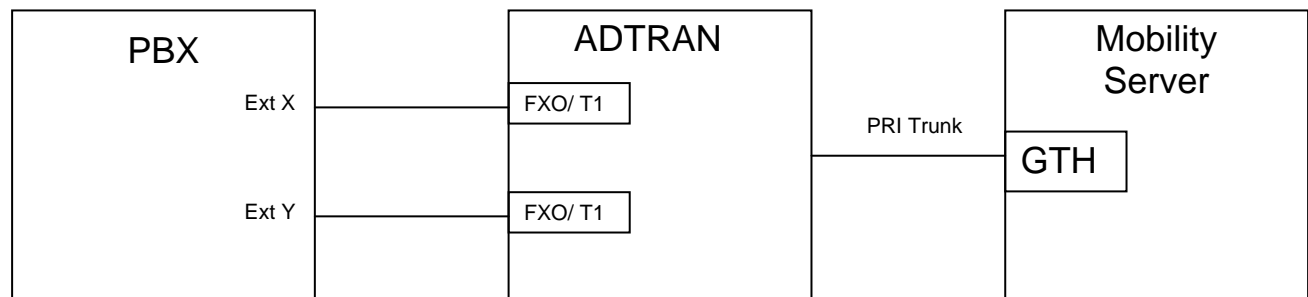
Problem

When an Ascom Mobility Server is implemented and users are migrated from the PBX to the Mobility Server, many PBX features are no longer accessible. This is due to the fact that:

1. The user no longer exists in the PBX as a physical extension.
2. The EMN GTH is only capable of providing a PRI trunk to the PBX. The PBX will not allow function codes access from an incoming PRI trunk.
3. The Mobility Server cannot analyze * or # in the Route Number Series (typical service codes for accessing PBX functions).

Solution/Prevention

The solution is to implement an ADTRAN device in conjunction with the Mobility Server. The ADTRAN can receive calls via a PRI trunk from the Mobility Server GTH, connect to an analog FXO port or T-1 CAS Port, and pass the service code to a specific port to the PBX. Routing setup in the Mobility Server will depend on the type of PBX and the application.



Example

Please reference Application Note, AN-0480 NCS_Pickup_APP_Note in the Ascom MS, for an application specific example.

Additional Information

If you have any questions about this bulletin, please contact Ascom Technical Services at 1-877 71ASC0M (1-877-712-7266) option 3.