

SS7 Message Waiting Indicator (SS7 MWI)

SS7 Message Waiting Indicator (SS7 MWI) allows the customer to provide SS7 MWI TCAP messages to CenturyLink for delivery to the CenturyLink switches that serve equipped lines of end users who subscribe to the customer's voice messaging service. SS7 MWI TCAP messages are originated by the customer's equipment (i.e., Voicemail Platform) and delivered to the CenturyLink Signaling Transfer Point (STP) pair which delivers the SS7 MWI TCAP message to the switch where the customer's subscribing end user receives service. The message causes the switch to set or reset the MWI on the end user's line, notifying them that a voice mail is to be retrieved or to clear the notification once the message is acknowledged.

If a customer is interested in adding this optional service functionality, once SS7 connectivity is established, they will be able to submit an order for SS7 MWI on the ASR. To do this the customer needs to use the Trunking form of the ASR with two fields that need to be filled out to order SS7 MWI correctly.

First, on the Service Detail Tab, the customer needs to fill out that portion of the form completely, and then in the remarks section, populate it with the with the following details replacing the highlighted portions with the specifics of their system details as outlined below the bold line.

ORDERING SS7 MWI VM PC 123456789 VM SSN XXX VM TT 007

VM PC – the point code of the voice messaging platform as a 9 digit number

VM SSN – input the subsystem number of the provider which is typically a 3 digit number

VM TT – the Translation Type for ISVM traffic is 007

Second, the customer will need to fill out the Point Code tab. On the Point Code tab, the customer needs to locate the PCU field and select option 10.

The Translation Type for ISVM traffic on our network is 007; if your system uses a different Translation Type for this traffic, it will need to be remapped to 007 prior to sending to our Network.

The SS7 MWI optional feature requires the customer to purchase CCSAC Service as set forth in [CenturyLink Operating Companies Tariff F.C.C. No. 11, section 20](#) and [State Tariffs](#). The description and application of rates and charges for Signal Transport and Signal Switching TCAP Messages are set forth in 20.3.1.G.