3CX Trunk Configuration for Spark SIP Connect Trunks

Create Trunk

First Create a new Trunk in 3CX using the "Generic" Template

Specify The Main Trunk No. as the Lead Number specified by Spark.

General

Enter the details on the General Tab as shown below

Authentication

Type of Authentication

Register/Account based

Authentication ID (aka SIP User ID)

35437015 (The Authentication ID as specified by Spark Note the lack of the leading 0)

Authentication Password

Authentication Password as specified by Spark

☐ 3 Way Authentication Password

DDI's

On the DDI Tab, enter any DDI numbers or test numbers that have been assigned to the SIP Trunk by Spark

Caller ID

On the Caller ID Tab specify the Default Outbound Caller ID for the trunk (Note individual Outbound Caller ID's can be specified per extension and will override this Caller ID)

Options

On the Options tab Scroll to the bottom and remove all but G711-a Law codec

Inbound

On the Inbound Parameters unselect the Option "Call Source Identification"

Outbound

On The outbound Parameters you can Leave most of the settings as they are in the Generic Template except for the PAI (P-Asserted Identity) The P-Asserted Identity : User Part should be set to AuthID and the P-Asserted Identity : Host Part should be set to GWHostPort as shown below (Scroll down to the bottom of the outbound Parameters)

Without these parameters set Spark will not Authenticate or accept your Outbound Calls and you will receive a 404 Not found error when trying to make calls.