

Configure External Call Control

To use External Call Control in Callisto, External Call Control must first be configured in CUCM.

Configure External Call Control Profile

Go to Call Routing > External Call Control Profile and add a new External Call Control Profile.

The screenshot shows the 'External Call Control Profile Configuration' page. At the top, there is a title bar with the text 'External Call Control Profile Configuration'. Below this, there is a toolbar with icons for 'Save', 'Delete', 'Copy', and 'Add New'. The main content area is divided into two sections. The first section is titled 'Status' and contains an information icon and the text 'Status: Ready'. The second section is titled 'External Call Control Information' and contains several fields: 'Name*' with the value 'Callisto', 'Primary Web Service*' with the value 'http://callisto:80/curri/curri.asp', 'Secondary Web Service' (empty), 'Enable Load Balancing' (checkbox), 'Routing Request Timer' with the value '2000', 'Diversion Rerouting Calling Search Space' with a dropdown menu set to '< None >', and 'Call Treatment on Failures*' with a dropdown menu set to 'Allow Calls'. At the bottom of the form, there are buttons for 'Save', 'Delete', 'Copy', and 'Add New'. Below the buttons, there is an information icon and the text '*- indicates required item.'

In the field Primary Web Service put the URL of the Callisto CURRI web service: `http://callisto:80/curri/curri.asp` .

Replace *callisto* with the respective IP address or domain name.

After setting up the External Call Control Profile, the trigger point needs to be set. At the trigger point, the UCM's routing logic decides which route request is chosen.

In UCM versions 8.x and 9.x, the trigger point can only be set to the *translation pattern*. In version 10.0x and higher, two new trigger points are added: *Route pattern* and *directory number*.

Translation pattern as trigger point

Go to Call Routing > Translation Pattern and add a new translation pattern or configure an existing one.

In the External Call Control Profile field set the External Call Control Profile that is configured as described above.

Translation Pattern Configuration Related Links: [Back To Find/List](#)

Save

Status: Ready

Pattern Definition

Translation Pattern	5XXXX
Partition	partition4TPGlobalize
Description	
Numbering Plan	< None >
Route Filter	< None >
MLPP Precedence*	Default
Resource Priority Namespace Network Domain	< None >
Route Class*	Default
Calling Search Space	CSS4AllEP
External Call Control Profile	ECC profile to RS1 and RS2
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern

Route pattern as trigger point

Go to Call Routing > Route/Hunt > Route Pattern and add a new route pattern or configure an existing one.

Set External Call Control Profile to the one that you created, as described above.

Route Pattern Configuration

Save
 Delete
 Copy
 Add New

Pattern Definition

Route Pattern*

Route Partition

Description

Numbering Plan

Route Filter

MLPP Precedence*

Apply Call Blocking Percentage

Resource Priority Namespace Network Domain

Route Class*

Gateway/Route List*

Route Option

Route this pattern
 Block this pattern

Call Classification*

External Call Control Profile

Allow Device Override
 Provide Outside Dial Tone
 Allow Overlap Sending
 Urgency

Directory number as trigger point

To use a directory number as a trigger point, go to Call Routing > Directory Number and set External Call Control Profile field to the one that you created, as described above.

Directory Number Configuration

Save
 Delete
 Reset
 Apply Config
 Add New

Status

Status: Ready

Directory Number Information

Directory Number*

Route Partition

Description

Alerting Name

ASCII Alerting Name

External Call Control Profile

Allow Control of Device from CTI

It's enough to set External Call Control Profile to the called number for External Call Control to work.

Announcement over External Call Control

To be able to play an announcement over the External Call Control, before a call gets put through, you have to modify the SIP Trunk profile from the SIP Trunk, which is connected to the PSTN.

Go to your Cisco Administration web interface, then Device > Device Settings... > SIP Profile and choose the profile which is used by the Trunk connected to the PSTN. Head down to the paragraph Trunk Specific Configuration and set the parameter SIP Rel1XX Options to Send PRACK, if 1xx contains 'SDP'.

Trunk Specific Configuration	
Reroute Incoming Request to new Trunk based on*	Nie
Resource Priority Namespace List	< None >
SIP Rel1XX Options*	PRACK senden, wenn 1xx 'SDP' enthält
Video Call Traffic Class*	Gemischt
Calling Line Identification Presentation*	Standard
Session Refresh Method*	Einladen
Early Offer support for voice and video calls*	Deaktiviert (Standardwert)