

# How To Send SIP Header Information

This article describes how to setup customer Header into outbound SIP Call.

## Instructions

All voice flows are managed in HermesNet Arbo module. Outbound customization is configured in « Operator.onh » and « Operator.def » file and Admin Slave configuration page.

### Step 1 : Activate Sip Header management

Set SIP\_HEADERS\_IDENTITY constant in hermes\_p\operator.def file

```
#constant SIP_HEADERS_IDENTITY 1
```

Recompile Arbos to apply changes

```
c:\hermes_p\cp64
```

### Step 2 : Define Headers in WebAdmin Slave configuration

Go to : WebAdmin slave configuration pages : \admin\root\module\AcdServerAccess\Onnet(tab)\Slave.  
In custom SIP header input, fill expected header with possible Dynamics value or static value.

The screenshot shows the 'ONNET SERVERS CONFIGURATION' window for a 'SLAVE - QA-V5-01' server. The 'GENERAL' tab is active. Under 'Custom SIP headers', a list of headers is displayed, each with a small icon to its left. The headers are: P-Asserted-Identity: @@PAI@@, P-Access-Network-Info: @@PANI@@, X-Hermes-Agent-Id: @@AgentId@@, X-Hermes-Customer-0id: @@CustId@@, X-Hermes-Campaign-0id: @@CampId@@, X-MyCustom4.MyStaticValue, and X-MyCustom5.MyStaticValue2. A green box highlights the entire 'Custom SIP headers' section.

Dynamic metadata must be encapsulated by @@ (ex: @@Dyn\_Value@@). The possible values are:

- PAI => the value for P-Asserted-Identity you set in operator.onh
- PANI => value for P-Access-Network-Info ( if needed )
- AgentId => The agentId
- CustId => Customer Id
- CampId => Campaign Id

## Additional information

### **i** How to fill the PAI and/or PANI info ??? ==> From operator.onh and agentstation.onh

If you don't need hermes metatags ( AgentId, CustId ... ) and only need to send P-Asserted-Identity, just set up the P-Asserted-Identity: @@PAI@@ in Onnet configuration and fill \$SipPaiHeader variable in operator.onh and agentstation.onh (for agent station calls).

Example : \$SipPaiHeader="<sip:0155373042@mytrunkprovider.com>" ;

### **w** Dynamics custom value ==> pushing arbitrary dynamic sip headers on outbound is not implemented.

Additional information about SIP Header can be found at [External : Understand SIP Headers](#).

## Check configuration

- From Hermes agent interface, make test of outbound campaign.
- Check with Wireshark that expected SIP Header are in outbound SIP Invite Request

```
Request-Line: INVITE sip:0609376727@sip-ng.axialys.net SIP/2.0
4 Message Header
  From: "0176240131"<sip:+33176240131@172.16.1.50>;tag=1889e360-320110ac-:
  To: <sip:0609376727@sip-ng.axialys.net>
  Call-ID: 188c34f0-320110ac-13c4-65014-a7f91-59a60cd8-a7f91
  [Generated Call-ID: 188c34f0-320110ac-13c4-65014-a7f91-59a60cd8-a7f91]
  CSeq: 1 INVITE
  Via: SIP/2.0/UDP 172.16.1.50:5060;branch=z9hG4bK-a7f91-290251ea-68abbf14
  Max-Forwards: 70
  Supported: replaces
  X-Hermes-Agent-Id: 16727
  X-Hermes-Customer-0id:1
  X-Hermes-Campaign-0id:6535738597D40334
  X-MyCustom4:MyStaticValue
  X-MyCustom5:MyStaticValue2
  User-Agent: VocalcomOnnet 5.0.347.SP129.1.STEREO.CRT14. -- HMP3.0.520
  Contact: <sip:+33176240131@172.16.1.50>
  Allow: INVITE, CANCEL, ACK, BYE, OPTIONS, INFO, REFER, NOTIFY
  Allow-Events: refer
  Content-Type: application/sdp
  Content-Length: 242
  Message Body
```