

# eurovoice HMP 1.1

## Release Notes

### Supported configurations:

#### **Operating Systems**

Microsoft Windows Server 2008R2 64-bit,  
Microsoft Windows Server 2012 64-bit,  
Microsoft Windows Server 2012R2 64-bit,  
Microsoft Windows Server 2016 64-bit,  
Microsoft Windows 7, 8, 8.1 or 10, 64-bit.

#### **Development environment**

eurovoice HMP 1.1 is designed for building high performance 64-bit applications on Microsoft operating systems using Microsoft Visual Studio C++ 2012 or above.

### Details of releases:

#### **Release 1.1 build 48: 25<sup>th</sup> September 2017**

Enhancement: Added support for SIP over TLS.  
Enhancement: Updated to use OpenSSL build 1.0.2k.

#### **Release 1.1 build 47: 9<sup>th</sup> August 2017**

Fix: Issue setting P-Preferred-Identity header value.

#### **Release 1.1 build 46: 5<sup>th</sup> July 2017**

Enhancement: Added support for initiating 3<sup>rd</sup> party call control mode calls.  
Enhancement: New function: evSIP\_SendInfoResponse().

#### **Release 1.1 build 45: 8<sup>th</sup> June 2017**

Enhancement: Added support for SIP over TCP.

#### **Release 1.1 build 44: 19<sup>th</sup> May 2017**

Enhancement: Added support for IPv6.

### **Release 1.1 build 43: 31<sup>st</sup> March 2017**

Enhancement: Added support for 30ms G711 RTP packet sizes.

### **Release 1.1 build 42: 24<sup>th</sup> February 2017**

Enhancement: New function: `evSIP_SetPublicSIPContact()`.

### **Release 1.1 build 41: 11<sup>th</sup> January 2017**

Fix: Issue processing media connection address for outbound calls and SIP re-INVITEs.  
Fix: Improved processing of SIP Contact Header field, for wider PBX compatibility.

### **Release 1.1 build 40: 21<sup>st</sup> November 2016**

Fix: Prevent race condition when calling `evHMP_GetNumLinesLicenced()` immediately after `evSIP_Start()`.

### **Release 1.1 build 39: 24<sup>th</sup> October 2016**

Fix: Enhanced Contact header data in SIP Registration, for wider PBX compatibility.

### **Release 1.1 build 38: 18<sup>th</sup> October 2016**

Enhancement: New function: `evHMP_GetNumLinesLicenced()`.  
Fix: Prevent potential race condition between incoming SIP CANCEL and Answer call request.

### **Release 1.1 build 37: 14<sup>th</sup> September 2016**

Fix: Issue processing media connection address when no session level connection field exists.

### **Release 1.1 build 36: 3<sup>rd</sup> September 2016**

Enhancement: Improved handling of 3xx (redirect) responses.  
Updates to Licence Utility.

### **Release 1.1 build 35: 27<sup>th</sup> July 2016**

Fix: Call Connected event no longer triggers when RE-INVITE ACK is received.

## **Release 1.1 build 34: 25<sup>th</sup> July 2016**

Enhancement: Support added for:-  
SIP REGISTER, OPTIONS, NOTIFY & REFER requests.  
Authentication of incoming REGISTER and INVITE requests.  
Retrieval of incoming message's source IP address & port.

## **Release 1.1 build 33: 26<sup>th</sup> May 2016**

Enhancement: 3PCC/Reverse SDP offer-answer mode supported.

Fix: Issue negotiating backup RTP payload when no mu-law codec is specified.

## **Release 1.1 build 32: 31<sup>st</sup> March 2016**

Enhancement: A new class of timer has been introduced. These new 'general timers' act independently of RTP Sessions and are accessed via two new API calls:-  
evHMP\_GenTimerStart() and evHMP\_GenTimerStop()  
Existing RTP Timer completion events have been renamed, for clarity.

Enhancement: evSIP\_SendProvisional function added, for sending of 18x provisional SIP responses.

## **Release 1.1 build 31: 23<sup>rd</sup> March 2016**

Fix: Retrieval of SIP Header 'Privacy'.

Fix: Enhancement to avoid potential memory leak if RTP Session is removed immediately after a play buffer was added.

## **Release 1.1 build 30: 11<sup>th</sup> March 2016**

Enhancement: Performance improvements to RTP session management.

## **Release 1.1 build 29: 29<sup>th</sup> February 2016**

Fix: RTP session allocation fix for evo50 supervised mid-call transfer.

## **Release 1.1 build 28: 5<sup>th</sup> February 2016**

Fix: File position now returned with PlayStop completion event.

## **Release 1.1 build 27: 26<sup>th</sup> January 2016**

Updated release of eurovoice HMP 1.1, for beta customers.

New Features:

- Access to SIP Headers, 'From-Tag' & 'To-Tag'.
- New events, 'RTPSTARTED' & 'RTPSTOPPED'

eurovoice HMP Reference manual included.

## **Release 1.1 build 26: 3<sup>rd</sup> December 2015**

Preliminary release of eurovoice HMP 1.1, for beta customers.