



# SSP

## Telephony Platform

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2016

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**SSP is a Media Server, which supports ASR/TTS, but is able to implement prompts/DTMF based VXML 2.1 scripted IVR on its own. It supports redundant architecture and is able to provide call processing in SIP or TDM networks (Intel TDM card required). SSP is a very cost effective solution. Please contact IEC for details.**

### Features:

- VXML 2.1
- SRGS, NLSML, SSML
- ASR-MRCP (Nuance, IBM WebSphere)
- TTS-MRCP (Nuance, Cepstral)
- Conferencing
- Outbound Calling
- Call Analysis (Answering Machine Detection)
- Call Burst (Forking)
- Call Bridging with Transcoding
- Voice Activity Detection
- Object Library, Sample Applications
- Call Transfer upon external request

### Capacity:

- Maximum Media Sessions per server:
  - G.711 @20ms—300 sessions @3.0 MHz;
  - G.729 100 sessions
- TTS: 100 sessions
- ASR: 50 sessions

### Media Servers

- IEC MRCP 1/2 TTS (Cepstral)
- IEC MRCP 1/2 ASR (OEM) 100,000 words grammar size, 95% accuracy

### Development Interfaces:

- VXML
- VXML Objects—all IVR operations supported: play, record, recognize, speak, etc ...
- Low Level IVR Interface: play, record, etc ...
- Direct access to the browser environment

### OS Availability:

- Windows (WS 2012, WS-2016)
- Linux : RedHat ES 6  
RedHat ES 7

### Media and Codecs:

- G.711  $\mu$ -Law, A-Law
- G.729A
- G.723.1
- GSM 6.10
- RFC 2833 (DTMF)

### Audio Encoding:

- WAV
- RAW (G.711 Headerless)

### Signaling, Call Control:

- SIP
- SIP + VXML
- Intel R4/Global Call
- VXML Objects (Outbound)

### Licensing:

- Individual license for a host
- License manager with floating licenses

### System Requirements:

- CPU 1.0 GHz Or Greater
- Memory 512 MB or more
- Storage 1 GB or as required for media storage