

# IVVR IntelleScript Video

## Protocols Support

SS7 (ISUP, INAP, MAP, TCAP)  
 CAMEL, IS.41 WIN, SMPP  
 ISDN (worldwide)  
 3GPP 3G-324M Rel 99 (TDM) / Rel 4 (NbUP), MONA  
 ITU-T H.323, SIP RFC-3261  
 T.38 and V.17 Fax

## Supported codecs

H.263, H.264, MPEG4, AMR-NB, AMR-WB  
 G.711 (PCM, ADPCM, uLaw, aLaw), G.723.1, G.726, G.729, GSM-FR

## Video features

Transcoding with frame rate conversion, image rescale, I-Frame update  
 Conference with custom video layout & PIP  
 Overlay images & text  
 Enhanced video bitrate controller  
 Real-time Streaming  
 DVR controls

## Audio features

Audio Transcoding  
 Conference with advanced gain control  
 DTMF Processing (Tone Detection/Generation, RFC2833)  
 Speech recognition (MRCP v1, v2, RTPSP / RTP, SIP SDP)

## Custom web & DB integration

|              |            |             |
|--------------|------------|-------------|
| HTTP / HTTPS | CORBA      | MSSQL       |
| SSH          | TCP/IP     | Oracle      |
| XML          | COM / DCOM | MySQL       |
| FTP          | SOAP       | ODBC/OLE DB |
| RADIUS       | RPC        |             |

## System capacity

Up to 12 E1 per server  
 From 1 to 128 servers per cluster  
 Up to 192 SS7 links per server, HSL support  
 Signalling server in single or dual-resilient configurations  
 Up to 1000 SIP sessions / 600 MM sessions / 240 3G-324M sessions

## Administration and management

Graphical real-time monitoring & activity reporting tool  
 Centralized Administration utility  
 Audio/Video content management with import/export features  
 SNMP MIBs support

## Service Creation Environment

IDE (Online/offline debugging, syntax highlight/code completion)

## Carrier grade features

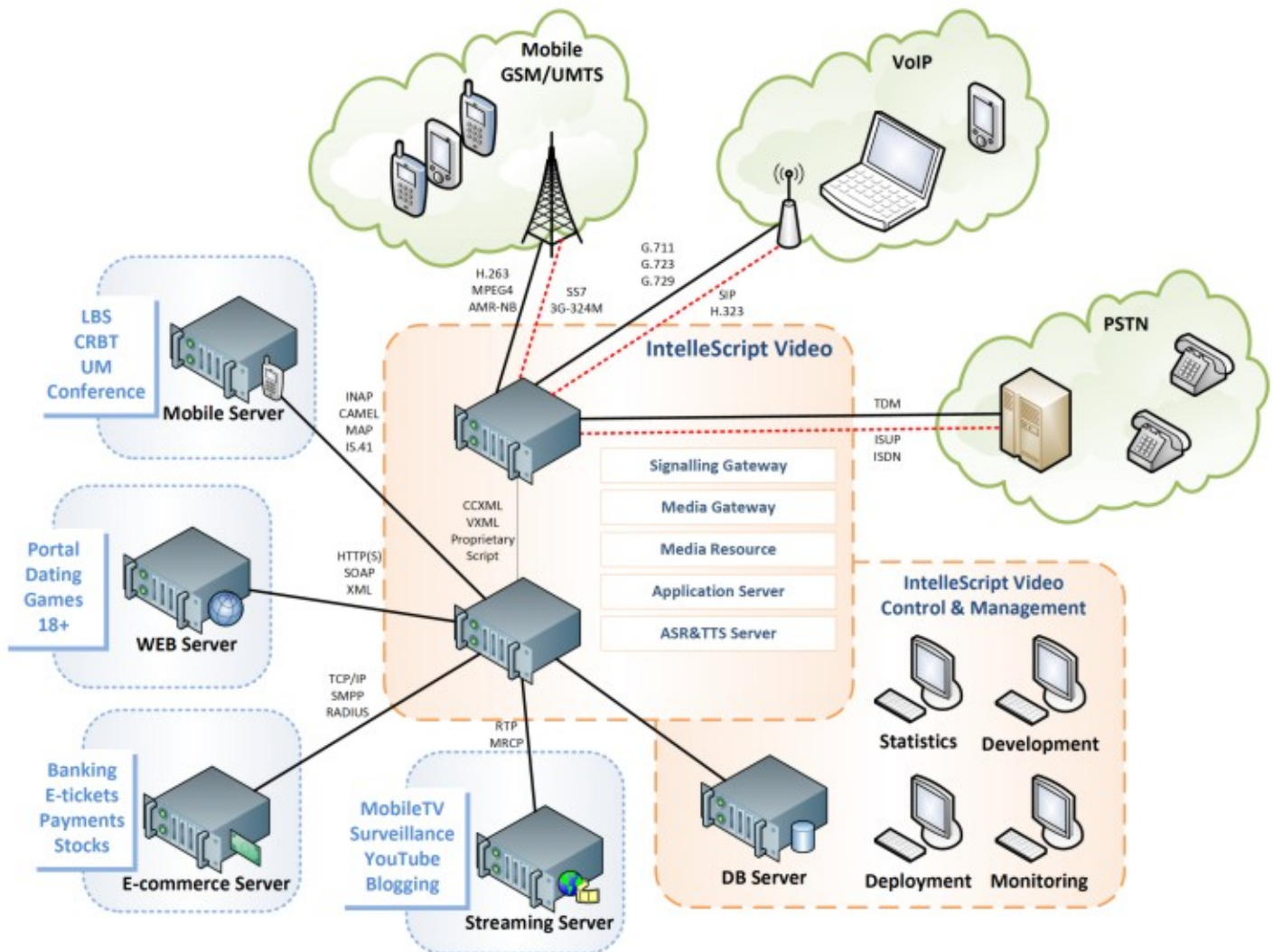
Dual-server hot redundancy configuration  
 Cluster system with no SPOF  
 External data storage  
 One-place administration of distributed systems

## Tech support levels

Languages: English, Russian.  
 1st level: 24x7x365 phone/e-mail/web  
 2nd level: work time (MSK time) phone/e-mail/web  
 3rd level: e-mail only  
 Fast hardware replacement

## Specification

Power: 100-240 AC, -48 DC, up to 700W, Hot Plug and Redundant.  
 Rack mount 19" 2U, 4U appliance  
 Connectivity: E1, T1, Ethernet



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