



SDK for Our OnRamp™ IP Gateways which Demodulate and Route Selected Transport Streams to Any MAC Address via IP – UDP, RTP, or HTTP. Offers Almost Complete Control over OnRamp Using Your Software. Uses the Thrift Interface Language and Provides User Interfaces in a Wide Variety of Languages.

Features

- Offers almost complete control over OnRamp system using your software
- Uses the Thrift interface language
- Provides user interfaces in the following languages:
 - C++
 - C#
 - Cocoa
 - D
 - Delphi
 - Erlang
 - Haskell
 - Java
 - OCaml
 - Perl
 - PHP
 - Python
 - Ruby
 - Smalltalk

Applications

Using standard HTTP protocol and the interface bindings provided, users can:

- Start and stop any stream in the OnRamp system
- Obtain the status of the streams and all important system information
- Configure all types of stream inputs and outputs

Ordering Information

OnRamp SDK – for use with DVEO OnRamp systems



Overview

Our new OnRamp SDK™ is designed for use in cable broadcasting, telco TV, IPTV, and A/V systems integration, for those who wish to use their software with DVEO's product family of OnRamp™ IP gateways.

Our OnRamp™ multichannel, SD or HD, MPEG-2, professional IP gateways input a mixture of several channels and output them to an IP network. The OnRamp systems stream these channels using UDP, RTP, or HTTP via IP networks as either IP multicast or IP unicast streams. Resulting streams can be viewed with standard transport stream compatible set-top boxes, streaming video, smart phones, or software clients such as VLC or JW Player.

The OnRamp systems are available in a variety of video formats – ASI, DVB-T/T2, DVB-S/S2, 8VSB, QAM, DVB-C, ISDB-Tb, DTMB, or Analog.

We have a cable TV customer who uses the OnRamp SDK to run the OnRamp system within their existing proprietary webcasting program.