



WEBINAR: How to use callstats.io to Monitor Service Quality for IceLink Apps

Webinar Summary

1. Frozen Mountain: WebRTC Experts

2. IceLink at a Glance

3. Callstats.io: The WebRTC Monitoring Leader

4. How to Integrate IceLink with callstats.io

5. Integration Live Demo

6. Callstats.io Dashboard Demo



frozen
mountain

Frozen Mountain: WebRTC Experts



Founded in 2008,
celebrating 10
years of service



Over 400
Customers in 51
Countries



Extensive
Experience in
Real-time
Communications
Software



Experts in Low
Level Audio/Video
Capture,
Processing,
Transcoding and
Transmission
Software.

IceLink at a Glance

- **Peer-to-peer voice and Video:** The IceLink SDK allows you to quickly and easily add bi-directional audio, video and data streaming to your applications.
- **Highly configurable:** IceLink gives you a high level of control over the peer connections including custom encryption modes and custom media pipelines.



IceLink at a Glance

- **Integration:** IceLink is based on STUN, TURN, ICE, RTP, SRTP, and SDP specifications for easy integration with other applications and platforms.
- **Cross-Platform API:** IceLink provides a single cross-platform API that can be used in the largest cross-section of web, mobile and desktop applications.





callstats.io

Callstats.io: The WebRTC Monitoring Leader

- Founded in 2014 by IETF and W3C authors
- Customers across vertical industries
- Over 1B collected WebRTC metrics each month
- Integrated into leading CPaaS platforms
- Recognized by Gartner
- Backed by leading venture capital firms



Why Measure WebRTC Calls?

“If you can’t measure it, you can’t improve it.”

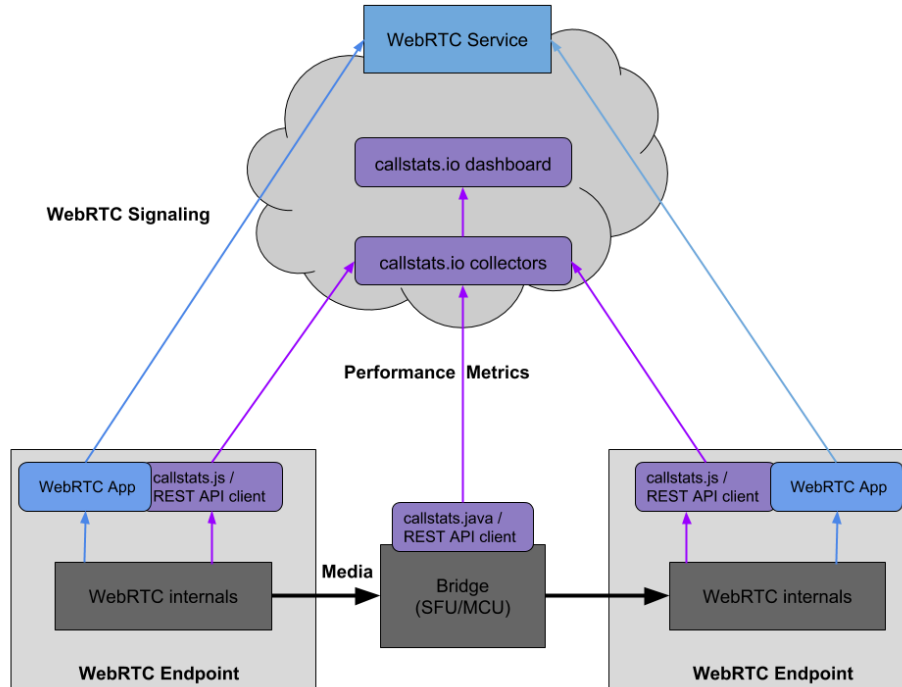
~Peter Drucker

Comprehensive SaaS Monitoring for WebRTC

Key Features and Benefits

Highly Reliable Call Capture	Powerful Visualization	Analytics with Answers
<ul style="list-style-type: none">• Carrier scale data capture (500 datapoints every 10 sec. per endpoint)• Real-time responsiveness	<ul style="list-style-type: none">• Spot trends and rapidly troubleshoot• Perform custom data analysis• Reduce dev/ops response time	<ul style="list-style-type: none">• Save man-hours of troubleshooting with AI• Instantly assess user experiences• Optimize experience for any condition

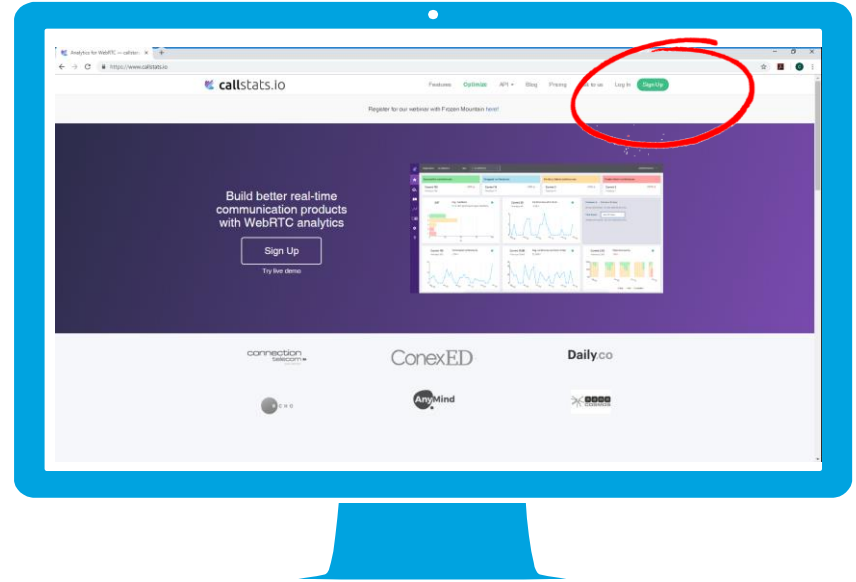
Scalable WebRTC Monitoring Architecture



How to Integrate IceLink with Callstats.io

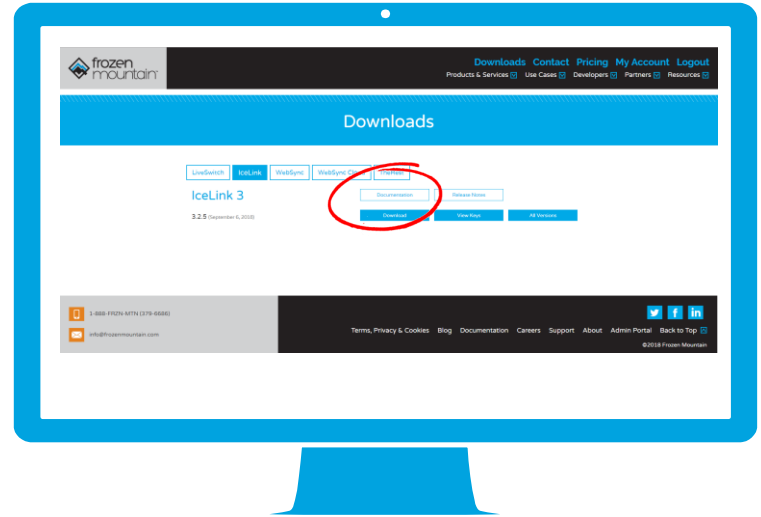
How to Integrate:

- **Step #1:** Create your callstats.io account.
- **Step #2:** Follow the callstats.io integration steps and create an App ID and App Secret.



How to Integrate:

- **Step #3:** Get the IceLink 3.2.6 SDK at:
www.frozenmountain.com/downloads



How to Integrate:

- **Step #4:** Add the callstats.io JavaScript library dependency.

example code:

```
<script src="https://api.callstats.io/static/callstats.min.js"></script>  
<script type="text/javascript" src="lib/fm.icelink.callstats.js"></script>
```

How to Integrate:

- **Step #5:** Create your callstats.io client.

example code:

```
this.callstatsApplicationId = '012345678';  
this.callstatsApplicationSecret = 'my-callstats-application-shared-secret';  
  
...  
  
var client = new fm.icelink.callstats.Client(this.callstatsApplicationId,  
this.callstatsApplicationSecret)
```

How to Integrate:

- **Step #6:** add connections to your Callstats client
 - ◇ **connection:** Your IceLink connection object.
 - ◇ **localUserId:** A unique identifier for your user (supplied by your application).
 - ◇ **sessionId:** Your IceLink session Id.
 - ◇ **remoteUserId:** A unique identifier for the remote user (supplied by your application).
 - ◇ **deviceId:** A unique identifier for the device your application is running on (supplied by your application).

example code:

```
client.addConnection(connection, localUserId, sessionId, remoteUserId);
```

Integration Live Demo

<https://help.frozenmountain.com/docs/icelink3/advanced-topics/callstats-io-integration>

Callstats.io Dashboard Demo

<https://dashboard.callstats.io/try-callstats-i>

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Special Offer

One month free callstats.io trial for the first 25 webinar attendees that apply for an account at www.callstats.io.

Use ordering code **FMCSIO2018** to claim your free trial.

Offer expires 9 November, 2018.

Thanks!

Any Questions?

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