Mersoft **test** ™

End-to-end load and performance testing, production monitoring and analytics for real-time communications. Get the full perspective of your WebRTC services with the best end-to-end view available.

Monitors Signaling and Media
Invalid SDPs, mismatched CODECs, security, network or congestion issue are detected

Send Test Media
Send sample streams to check congestion & quality, generate "MOS" (mean opinion score)

Flexible Scripting
Run scenarios on your applications for user experience, load or automated regression testing

Tuned for WebRTC
Simply the best end-to-end WebRTC testing product available
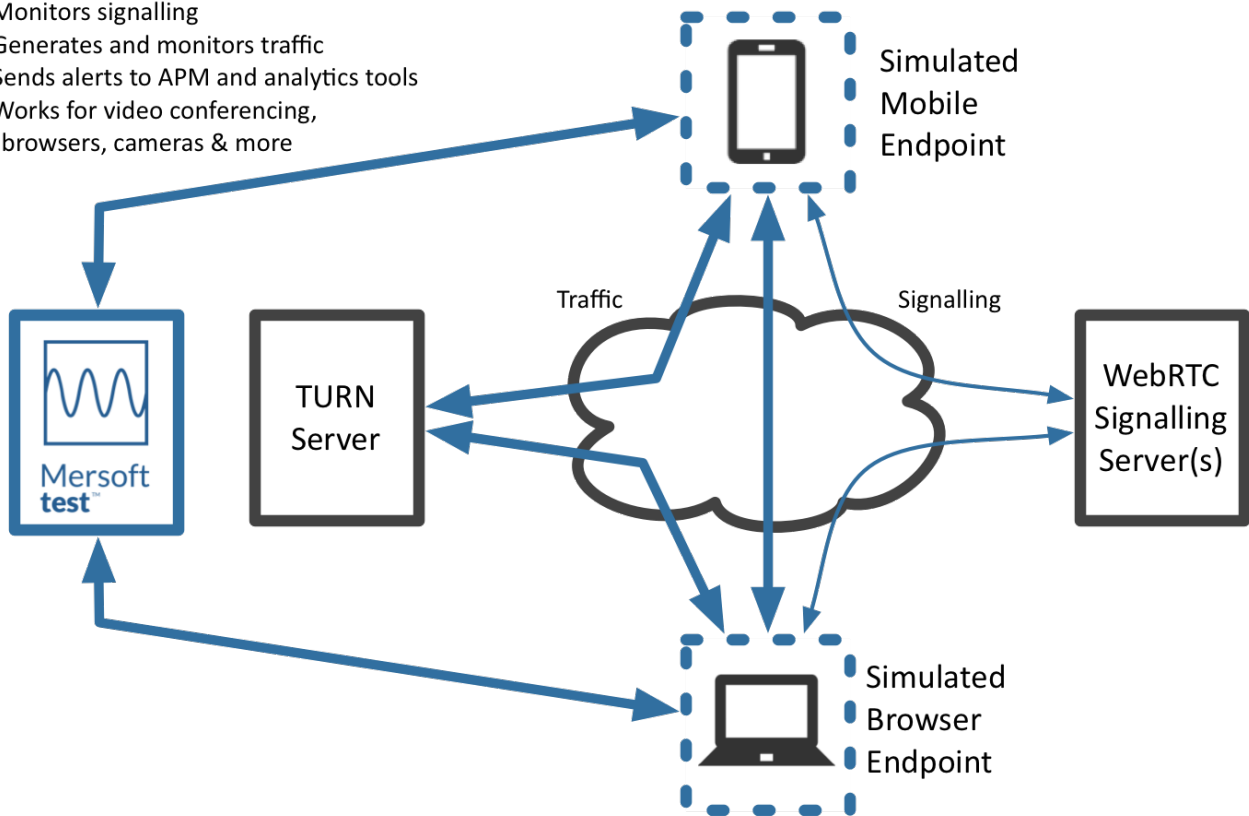
Find Client Configuration Issues
Clients are emulated to find configuration problems or issues anywhere on the path

Professional Services
Mersoft experts get things running fast – integrated with your console and emulating your clients

- Simulates client end points
- Monitors signalling
- Generates and monitors traffic
- Sends alerts to APM and analytics tools
- Works for video conferencing,
  browsers, cameras & more

Simulated Mobile Endpoint

Traffic

Signalling

Mersoft test™

TURN Server

WebRTC Signalling Server(s)

Simulated Browser Endpoint

USE CASES

Offer low-latency, live streaming video to your customers in multiple ways:

Test from Mobile to Set Top Box:
Can be one-way communication like sharing photos from mobile to TV, or two-way video chat. Scripts can simulate a native mobile app or mobile browser, generate a test media stream sent to an emulated set-top box. Compare different CODEC versions, various browsers, etc., for a full end-to-end user experience test.

Test from Video Conference Room to Laptop and Browser:
Configurable to test or monitor different WebRTC-based video chat set-ups.
- In production, constantly monitor connections between installed equipment and remote participants. Catch issues before your customers.
- In test, run automated regression scenarios on new features or scale up for load and performance testing.

Test from Camera to Mobile, Browser or Set Top Box:
Emulate cameras and various end clients. Run test media streams to locate congestion or quality issues. Watch the signaling and the media streams either peer-to-peer or through TURN servers. Do cameras support two-way audio? No problem. Simulate asymmetrical media streams with Mersoft test™.

POWERED BY MERSOFT

Mersoft is a product development and system integration company dedicated to providing **innovative** solutions to market leaders in telecom, cable, enterprise security, connected health, public safety and entertainment.

Our professional services engineers have a **proven** record of success and the **agility** to meet the demands of your competitive marketplace.