

# Video Broadcasting Using WebRTC

## Thesis topic

WebRTC is a collection of communication protocols and application programming interfaces that enable real-time communication over peer-to-peer connections. Using this technique video can be streamed between peers.

The Briteback messaging app today integrates WebRTC for online conference calls, enabling voice and video communication coupled with screen sharing.

This project will consist of developing a broadcasting protocol where a user can send video in a one-to-many model.

The challenge will be finding the balance between latency, processing power, and network traffic. Where possible solutions can consist of using relay servers for sending the streams to the peers.

The successful applicant will be working from the Briteback main office in central Norrköping.

## How to apply

Send your resume, application letter and links to relevant github repositories to David Erenger, CTO at [david.erenger@briteback.com](mailto:david.erenger@briteback.com).

## About Briteback

Briteback is a Swedish high-growth company providing custom enterprise messaging solutions to medium-to-large enterprises. Briteback is located in Norrköping, Sweden, and New York, USA.

[briteback.com](http://briteback.com)

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