SSL certificates management

A web-browser interacts with WCS using the Secure Websockets protocol to exchange signal data. To transfer media data WebRTC and Flash RTMFP technologies are used. In the former case a secure connection is established via DTLS followed by SRTP traffic exchange. The RTMFP protocol has a built-in AES 128 bit encryption. To interact with the web server REST/HTTPS is used.

Therefore, security server management comes to configuring settings related to SSL certificates.

- Secure websockets
- REST HTTPS

RTMFP does not require any additional settings, and DTLS certificates are generated automatically upon startup of the server.