

CONFIRMATION PENETRATION TEST



**SySS GmbH
Schaffhausenstraße 77
72072 Tübingen**

hereby confirms that it carried out a penetration test for the company

**SCS - Secure Communication Services Limited
Dubai (UAE) Baywater Bay by Omniyat**

Test item: CRYPE - Secure Communication Application (Web & Desktop Clients)

Test period: September 12 to 16 and on October 24, 2025.

Test depth / resistance period: A timebox approach was chosen and the application was analyzed for a total of four days, one of which was used for retesting. The focus of the security analysis was to assess the security of data transferred between users (e.g. chat, audio and video).

Summary of test results: As part of a penetration test, the WebRTC implementation of the application was thoroughly evaluated.

The analysis confirmed that data exchanged between users, including chat, audio, and video, is encrypted using SRTP/DTLS with modern and reliable cryptographic ciphers. Therefore, the implemented key exchange and session setup are assessed as secure and effectively prevent unauthorized parties from eavesdropping on the communication.

During the initial test phase, several vulnerabilities related to supporting services or the application itself were identified. All relevant findings were addressed, and the effectiveness of the implemented measures was verified in a retest.

Based on the final test results, the WebRTC implementation is considered secure according to the current state of the art. Attempts to intercept or manipulate the communication were unsuccessful, and no unauthorized access to transmitted data was possible.

Recommendation: SySS recommends that the test item be retested after every significant change or at the latest after one year.

Tübingen, 14.11.2025