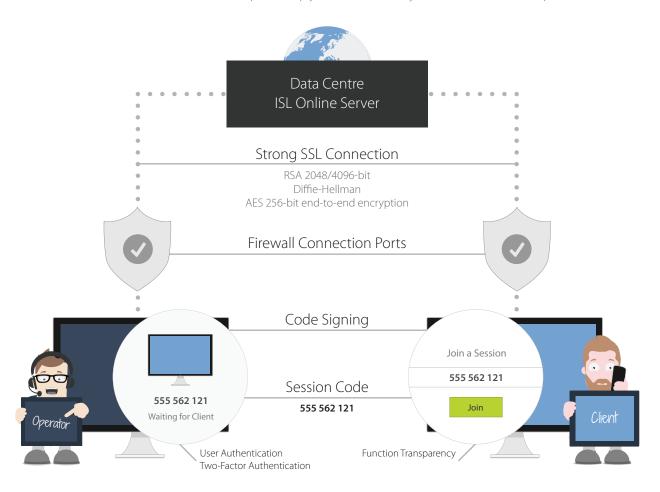# islonline

Expect Maximum Security

At ISL Online we understand that information security is of utmost importance to you when it comes to establishing connections with remote computers. We apply a number of measures and features which make ISL Online secure and help us comply with strict security standards our clients expect.

Data Centre
ISL Online Server

Strong SSL Connection

RSA 2048/4096-bit
Diffie-Hellman
AES 256-bit end-to-end encryption

Firewall Connection Ports

Code Signing

555 562 121
Waiting for Client

Session Code

555 562 121

Join a Session

555 562 121

Join

Operator

Client

User Authentication
Two-Factor Authentication

Function Transparency

■ Two-factor authentication

Two-factor authentication is an extra layer of security which adds a second factor to the authentication process and makes unauthorised access near to impossible.

■ Strongest Encryption

A remote desktop support connection with a client is established using the RSA 2048/4096-bit public-private key exchange. Upon a successful RSA key exchange all data traffic is encrypted using symmetrical AES 256-bit keys.

■ Session Code

The helpdesk operator passes a unique session code to the client. The session code is invalidated immediately after the connection is established.

■ Firewall-Friendly

ISL Online automatically initiates an outgoing connection through ports 7615, 80 or 443, therefore it works with your existing firewall and does not require any additional configuration.

Security at a Glance

RSA with Diffie-Hellman key exchange	✅
AES 256-Bit end-to-end encryption	✅
Two-factor authentication (2FA)	✅
ISO 27001:2013 Certification (information security management)	✅
Port filtering	✅
Blacklisting/whitelisting	✅
Code signing	✅
External security audits and penetration testing	✅
Function transparency (no stealth mode)	✅
Password encryption	✅
Brute force intrusion protection	✅
Intranet (LAN-only) option	✅
Reverse proxy support	✅
Automatic session recording option	✅
Access management	✅
Incident management system (IMS)	✅
Logs and accountability	✅
Features restriction	✅
External Authentication	✅
Data Centers & Metadata	✅

■ ISO 27001:2013 Certificate

The ISO 27001 certificate validates ISL Online's expertise in information security management and our commitment to the highest level of security throughout the company.

■ Security Audits

Independent security audits and penetration tests of the ISL Online system, conducted on a regular basis, reveal that ISL Online is a trustworthy service and provides a very high level of security.

"Due to very strict legislation regarding privacy in in our country, we had to find a product with very high security specifications and great performance at the same time.

Dietmar Elsler, Raiffeisen Online