

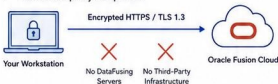
CloudSQL Desktop — Security at a Glance

Runs securely on the user's workstation, establishing a direct, encrypted connection to Oracle Fusion Cloud services with no DataFusing or third-party data routing or intermediary storage.

 ZERO DATA RELAY No DataFusing servers in the data path	 TLS 1.3 ENCRYPTED Data in transit is encrypted with HTTPS/TLS 1.3	 LOCAL EXECUTION Runs on your workstation within your environment	 LEAST PRIVILEGE Respects Oracle Fusion roles and permissions	 CODE SIGNED Digitally signed and publisher verified
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1. Network and Data Flow

- Direct, encrypted HTTPS/TLS 1.3 connection from user workstation to Oracle Fusion Cloud endpoints.
- No data passes through DataFusing servers or third-party infrastructure.
- Traffic traverses the organization's existing secure network perimeter.
- Firewall and proxy compatible.



2. Access and Authentication

- Leverages organization's existing Identity Provider (IdP) and Single Sign-On (SSO) mechanisms (e.g., Okta, Azure AD).
- Supports multi-factor authentication (MFA).
- Role-Based Access Control (RBAC) is enforced at the source within Oracle Fusion.



3. Data Protection

- All data in transit is encrypted using strong cryptographic standards (TLS).
- All sensitive data at rest on the workstation is protected via OS-level encryption.
- No enterprise data persistence after session.



4. Software Integrity

- Signed binary executables and libraries from DataFusing with verified digital certificates.
- Automatic updates delivered via secure, authenticated channels with integrity checks.



5. Secure Development Practices

- **Secure Development Lifecycle:** Secure coding practices followed throughout development.
- **SAST:** Automated source code security vulnerability scanning.
- **SCA & SBOM:** Third-party components analyzed and inventory maintained.
- **Manual Reviews:** Developer-led security reviews and testing.



6. AI Guardrails

- CloudSQL allows users to manipulate SQLs with AI.
- A default AI model is provided by CloudSQL with token limits. (The default AI model and token limits are subject to change.)
- Starting from version 3.3, users can bring their own LLM and configure AI settings.
- No enterprise data will be shared with AI at any time.
- Only SQL statements and user prompts will be shared with AI.
- Users have the option to disable all AI features.



Built for Security. Designed for Trust.

CloudSQL Desktop connects directly to Oracle Fusion Cloud using your existing security controls — no data relay, no intermediary storage, and no compromise.



Questions or full whitepaper?

✉ binuraj@datafusing.com

🌐 www.datafusing.com