

JDeli

Evaluating JDeli for your organisation

3 page summary for directors, legal, and procurement teams

What is JDeli?

JDeli is an enterprise Java image library developed and maintained by IDRsolutions. It reads, writes, and converts over 15 image formats in pure Java — with no native code, no third-party dependencies, and no cloud connectivity.

It is used in production by enterprise teams in financial services, document transformation, healthcare, and AI data processing who need a reliable, supported image processing component that runs entirely inside their own infrastructure.

What JDeli replaces

Many enterprise Java environments carry legacy imaging libraries that have become a liability: no active maintenance, no support, and flags from security audit tools like Black Duck. JDeli is a direct replacement.

Replaces	What it provides instead
Java Advanced Imaging (JAI)	Actively maintained equivalent with broader format support and a supported licence
JAI ImageIO Tools	Native-free replacement; no JVM crashes from statically linked native code
JJ2000 and similar	Single dependency covering format range of multiple standalone libraries
Unsupported in-house code	Commercially supported, documented, and regularly updated library
ImageIO (standard Java)	Drop-in replacement via ImageIO plugin — zero code changes required

Security and data handling

For teams processing sensitive documents or customer data, JDeli's architecture provides clear, auditable data handling guarantees.

<p>No network calls</p> <p>JDeli makes zero network calls during operation. Images are processed entirely in-process on your servers. No data is transmitted.</p>	<p>No licensing server</p> <p>There is no phone-home, telemetry, or outbound connectivity requirement. JDeli can be deployed in fully air-gapped environments.</p>
<p>No third-party dependencies</p> <p>Every line of code that touches your image data is written and maintained by IDRsolutions. No bundled open-source libraries, no native binaries.</p>	<p>Clean security audit answer</p> <p>Images are processed in-memory on your infrastructure and never transmitted externally. No carve-outs or exceptions.</p>

Support model

Support is provided directly by the IDRsolutions developers who built JDeli — not a tier-1 helpdesk. All support is in-house.

Support detail	
Channel	Email and online support portal
Who responds	In-house JDeli developers
Response standard	Issues with customer-reported images are typically resolved within one business day
Documentation	Full API documentation, integration guides, and migration guides available at support.idrsolutions.com/jdeli/
Portal	idrsolutions.my.site.com/s/request

Release cadence and Java compatibility

Stable releases: Regular versioned releases with release notes. Not abandoned or ad-hoc.

Nightly builds: Available for teams that need the latest format additions ahead of stable releases.

Java version: Java 17 minimum for current releases. A Java 8 build is available for legacy environments.

Delivery: Single JAR file. Available via Maven and Gradle. No additional runtime dependencies.

Security audit tools: JDeli will not appear as an unsupported or abandoned component in Black Duck, OWASP Dependency-Check, or similar tools.

Licensing

JDeli is commercially licensed software.

Licence detail	
Model	Commercial licence — not open source
Scope	Deployment within your organisation's infrastructure
Updates	Included with active support subscription
Trial	Full-featured free trial available — no feature restrictions
Pricing details	https://www.idrsolutions.com/jdeli/pricing

Licensing terms can be reviewed with your legal team prior to purchase. IDRsolutions is happy to provide documentation for legal review on request.

Migration

JDeli is designed to minimise disruption to existing codebases.

- ImageIO plugin: existing ImageIO-based code works without changes — add the JDeli JAR and the plugin activates automatically
- Direct API: JDeli.read() and JDeli.write() for new integrations
- Migration guide: step-by-step documentation for migrating available at <https://support.idrsolutions.com/jdeli/tutorials/imageio/imageio-migration-guide>
- Regression risk: teams migrating from JAI and other libraries typically report zero functional differences in regression testing

A free trial period is available to allow your team to complete a proof-of-concept migration before any purchase commitment.

Next steps

Start a free trial

<https://www.idrsolutions.com/jdeli/>

Request licensing documentation for legal review, or talk to us directly:

<https://www.idrsolutions.com/contact-us>