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# DIGITAL ASSET INFRASTRUCTURE

By
CustodianOne

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# Current Challenges

### High Cost of Foreign Software

- Deploying international platforms demands massive licensing budgets.
- On top of that, companies must build custom infrastructure from scratch to ensure regulatory compliance.

### Technological Isolation of Systems

- Legacy corporate and banking systems lack native tools to support blockchain technology.
- Developing proprietary integrations drives up costs and delays time-to-market for new services.

### Lack of Accounting Automation

Standard accounting software does not support blockchain transaction processing or the generation of the required tax reporting.

**The CIS market urgently needs a turnkey, localized IT platform. It must seamlessly combine on-premise (in-country) data storage, full compliance with local regulatory standards, and automated accounting workflows.**

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# About CustodianOne

**Ready-to-use infrastructure designed to launch and scale digital asset operations safely.**

CustodianOne is an all-in-one platform built for digital asset custody, transaction processing, and multi-purpose reporting.

**Flexible Deployment Architecture:**

- Fast-Track API Integration: Connect to our ready-made infrastructure within weeks. Ideal for agile fintechs and rapid market entry with minimal upfront costs.
- Full On-Premise Deployment: Deploy the entire platform inside your private perimeter. Tailored to your proprietary business logic and strict local regulatory standards.

**Core Benefits:**

- Cryptographic keys and user data remain strictly within your host country's jurisdiction.
- Our platform absorbs technical, architectural, and integration risks, delivering a production-ready ecosystem out of the box.

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# Market Challenges: Current Practices vs. CustodianOne

| | Current Practice | With CustodianOne |
|---|---|---|
| Infrastructure & Costs | Purchasing expensive foreign software licenses while simultaneously developing a proprietary local solution to comply with regulatory requirements. | Turnkey localized IT infrastructure.<br>Server base is hosted in-country, and system compliance rules are easily tailored to local regulatory requirements. |
| Transaction Control | Fragmented, manual approvals handled via corporate email or messaging apps. | Automated workflows.<br>Approvals are processed through an integrated system that tracks, routes, and applies customizable compliance check rules and user access rights. |
| Reporting & Analytics | End-of-month manual data gathering. Back-office manually extracts blockchain data and matches historical exchange rates to calculate FX differences. | Automated real-time monitoring.<br>System logs asset values at transaction time, handles monitoring, and generates reports, including automated FX difference calculations. |

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# Cost Comparison

| Cost Metric | In-House Development | Foreign Vendor | CustodianOne |
|---|---|---|---|
| Upfront Costs | **From $100 000**<br>Architecture design, HSM hardware, external security audits. | **From $10 000**<br>Fixed setup fee with no hidden infrastructure outlays. | • 0.25% one-time fee for Asset Issuance/Emission.<br>• Low fixed connection fee with zero hardware overhead. |
| Ongoing Monthly OpEx | **$8 000 - 20 000 / mo**<br>Engineer salaries, server hosting, node maintenance. | • Rigid monthly minimums ($2 000 - $5 000 / mo).<br>• Up to 0.4% p.a. of asset volume + 0.3% transaction fee. | • 0.1% – 0.25% p.a. custody fee.<br>• 0.1% – 0.3% transaction fee.<br>• Fixed in local currency. |
| Compliance Costs | Requires purchasing separate, expensive third-party AML/KYT transaction screening licenses and develop own software. | Global systems lack deep integration with domestic regulatory frameworks, requiring extra middleware software. | • Compliance & AML screening modules adapt out-of-the-box to local laws under a flat annual license. |
| Data & Infrastructure Sovereignty | Fully sovereign but complex to maintain and scale securely from scratch. | High regulatory risk.<br>Data and keys are often hosted on foreign cloud servers, violating domestic data residency laws. | 100% Data Sovereignty<br>Server base and cryptographic keys remain strictly within the host country's jurisdiction. |