From an Engineering Perspective

Mainstream services

Require a **simple to use confidential, identified, compliant** platform
Requires a discrete chain that enforces authenticated, unique wallets to enable authenticated asset ownership and prevent wash trading and money laundering

Why Encryption Efficiency Matters

Machine speed encryption/decryption is required for private identity and transaction validation, shielding users from cryptography, counterparty lookups and compliance scanning

Why Enclaves Matter

Because verification networks are public, efficient encryption/decryption of confidential data is optimized and protected by validator enclaves

Why Monolithic Chains are Not Fit for Purpose

Layer 1 (est. multi-year project)
- The existing code base would need to be modified to include encryption-enabled requirements and **enforce network wide user authentication**
- Years of research and planning into the implications would be required to determine feasibility

Layer 2 (shortcomings)
- Virtual machine code running in enclaves results in excessive bytecode to machine code inefficiencies
- Existing privacy protocols combined with performance enhancing rollups are not designed for post transaction regulatory analytics

In essence, monolithic anonymous transparent chains and their existing users **are diametrically opposed** to mainstream chains and services that need to have confidential identified compliant users from the outset.

Why CRDZ is Logically Years Ahead

CRDZ started out with mainstream requirements, architectural vision, and repurposing code base that was built to me modified.
Layer 1 (<1 year project)
- Talented people doing exceptional work, utilizing the Cosmos code base that was structured for repurposing that has enabled the development of CRDZ **with its own working code base**, inclusive of confidential, identified, compliance and simplified use.

Long before today's legacy crypto transforms into mainstream-suitable architecture, CRDZ developers will deploy services that address what lies beyond the platform. Amazing, decentralized, incentive-driven, compliant services will emerge and shift the focus from chains to apps, which is why CRDZ is at the forefront.