





Safety without firewalls and anti-malware



Serverless tech + Al drives IT productivity



Software systems cannot crash



IT builds without vendor lock-in





Google

IBM.

facebook



+ cryptographers

Employment and research backgrounds of our team

1600+ research papers

100 000+
academic citations

technical in

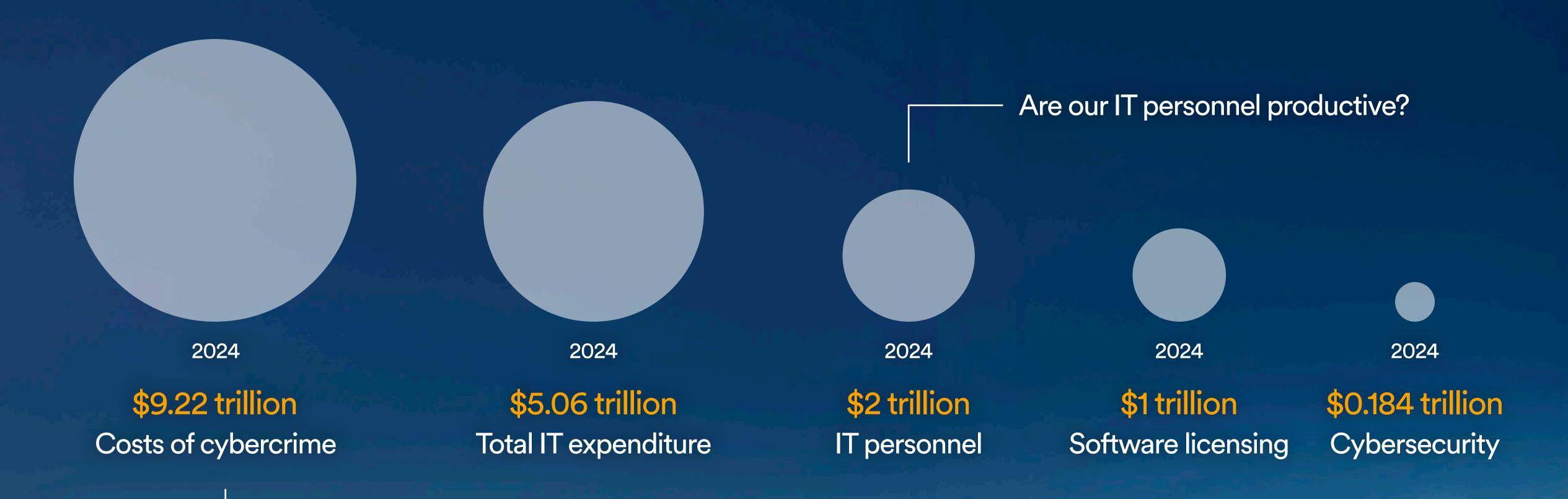
technical patents



UTOPIA adapts Internet Computer Protocol (ICP) technology for enterprise cloud use. ICP is developed by the DFINITY Foundation, which is a not-for-profit organization supported by a substantial endowment, and other parties, and UTOPIA joins this effort adding substantial additional resources as licensor for private compute. ICP technology has been proven in a public networking environment, powering a mainstream network that has not gone down, or been hacked. This is how we reinvent compute. Headquartered in neutral Switzerland, working worldwide.



Global current IT costs and expenditures



Growing societal, economic and national interest harm and disruption



Our future cloud platforms need resilience to data center failure

Big Tech cloud data centers glitch and go down. And new risks are growing:

- Cyber attacks
- State sabotage
- Terrorism

- War
- Natural disaster
- Carrington events







WE CAN DO MUCH BETTER

Imagine a new era of resilience...

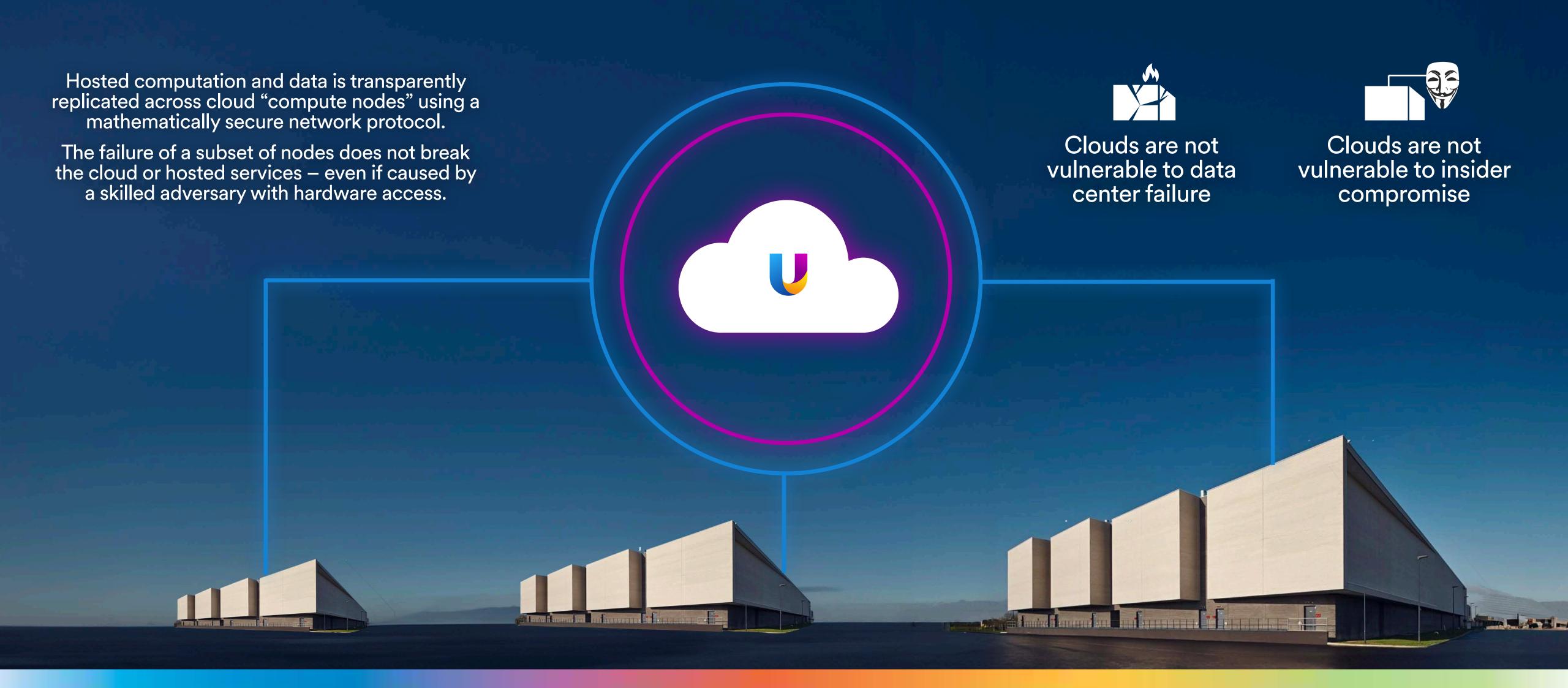
Imagine unstoppable tamperproof cloud.

Imagine unstoppable tamperproof hosted applications.

TODAY



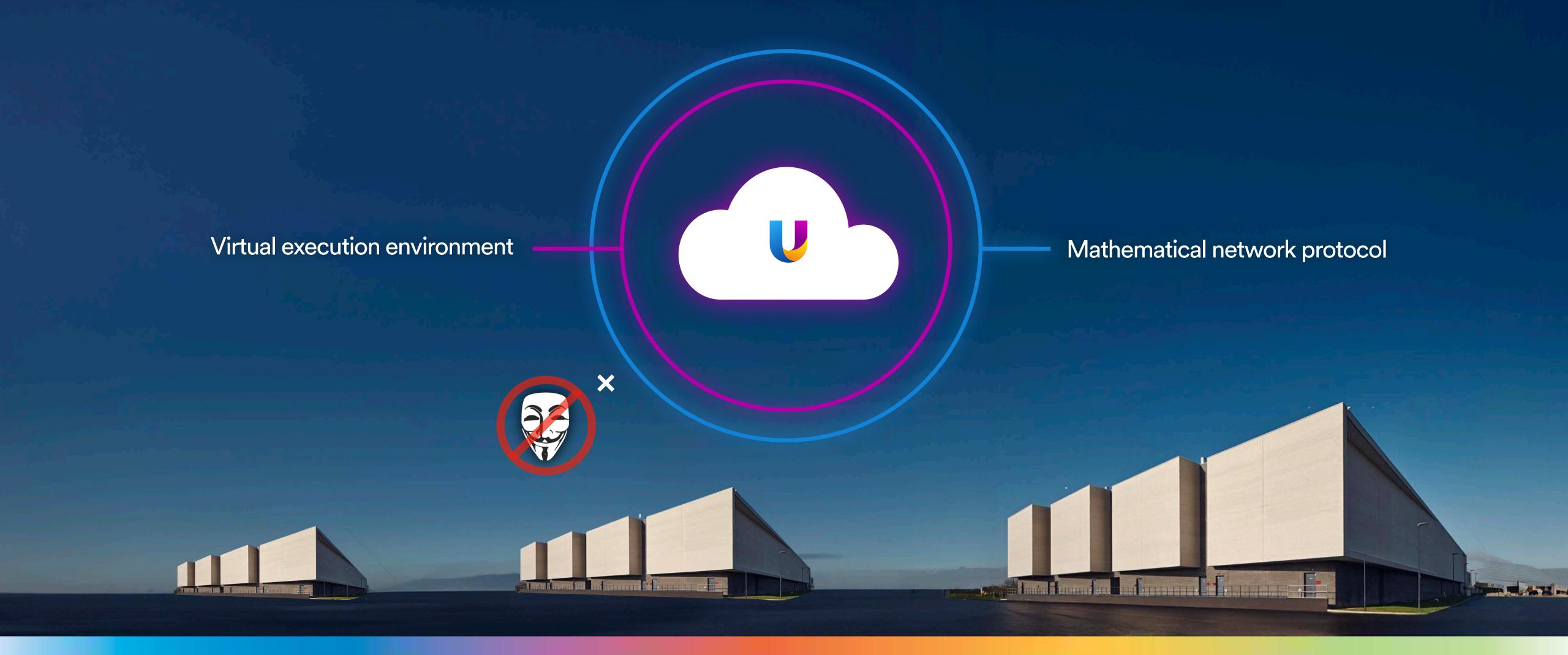
UTOPIA creates <u>Byzantine fault tolerant</u> serverless clouds using mathematical replication





This also solves for ransomware, penetration and data exfiltration...

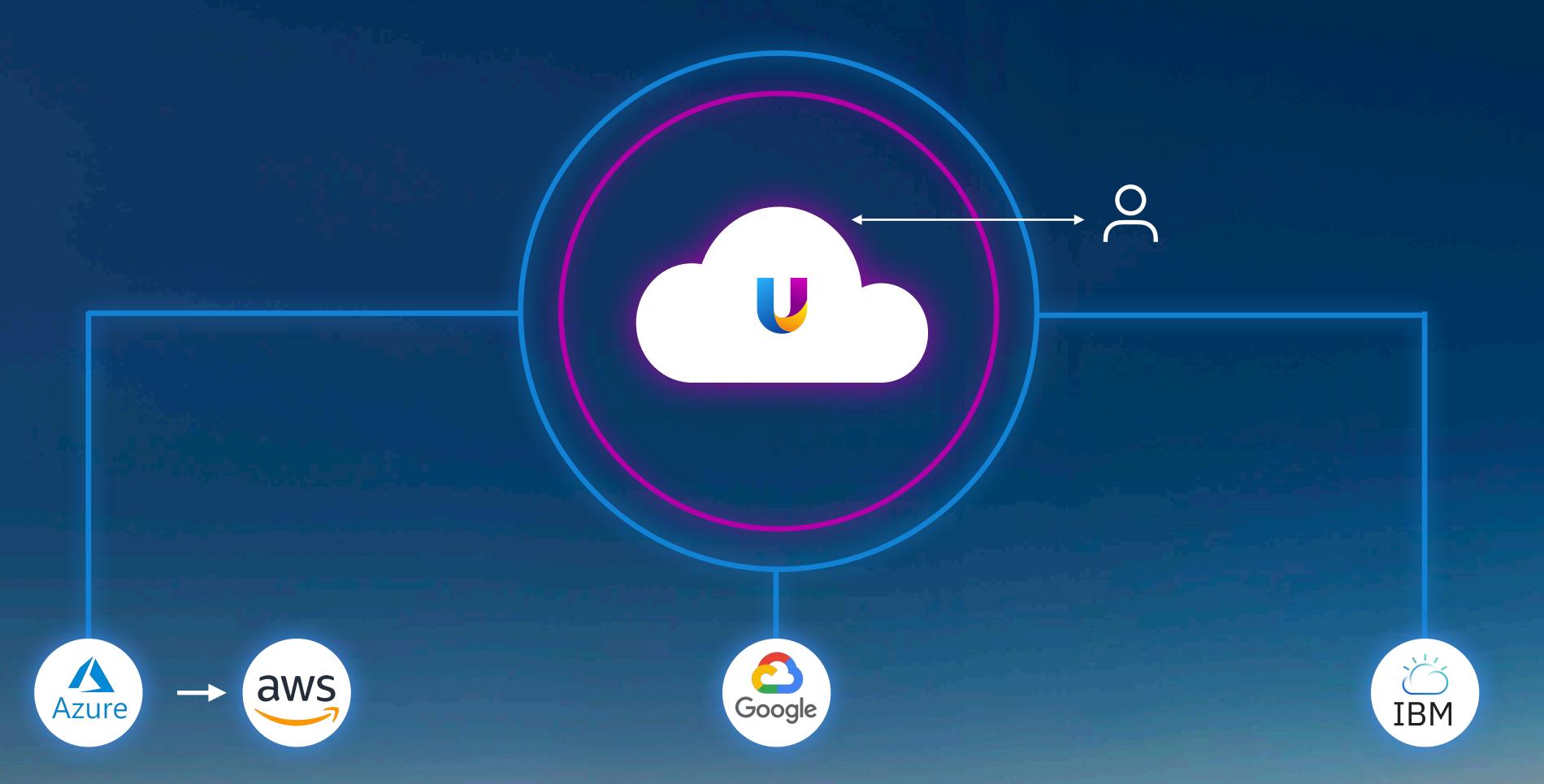
UTOPIA's new approach to cybersecurity makes cybersecurity systems unnecessary





Create serverless private clouds over Big Tech's cloud services

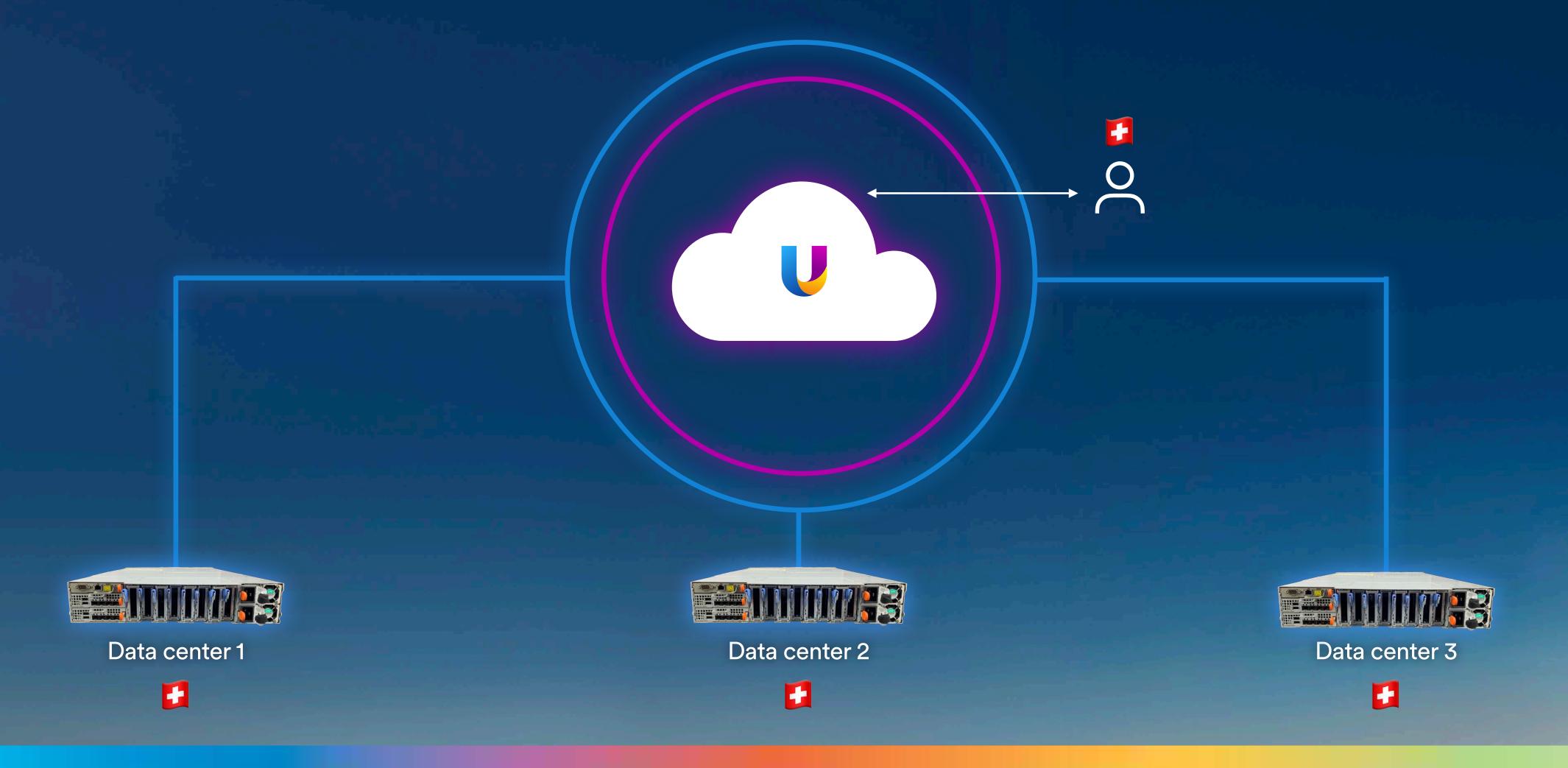
Escape vendor lock-in: updating a UTOPIA's underlying compute nodes does not interrupt hosted applications





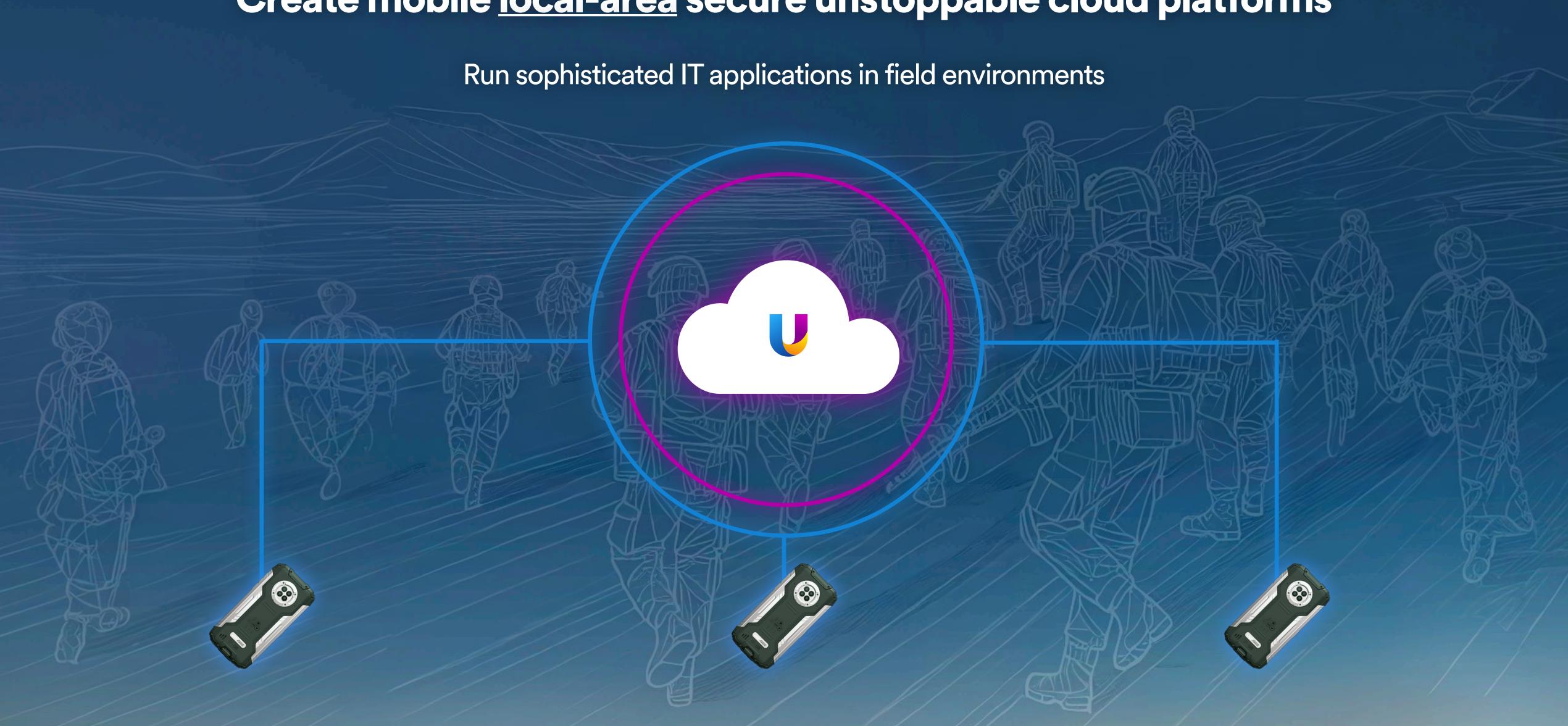
Create serverless sovereign clouds using home-country hardware

UTOPIA operators can avoid surrendering their data to Big Tech's cloud services and their jurisdictions



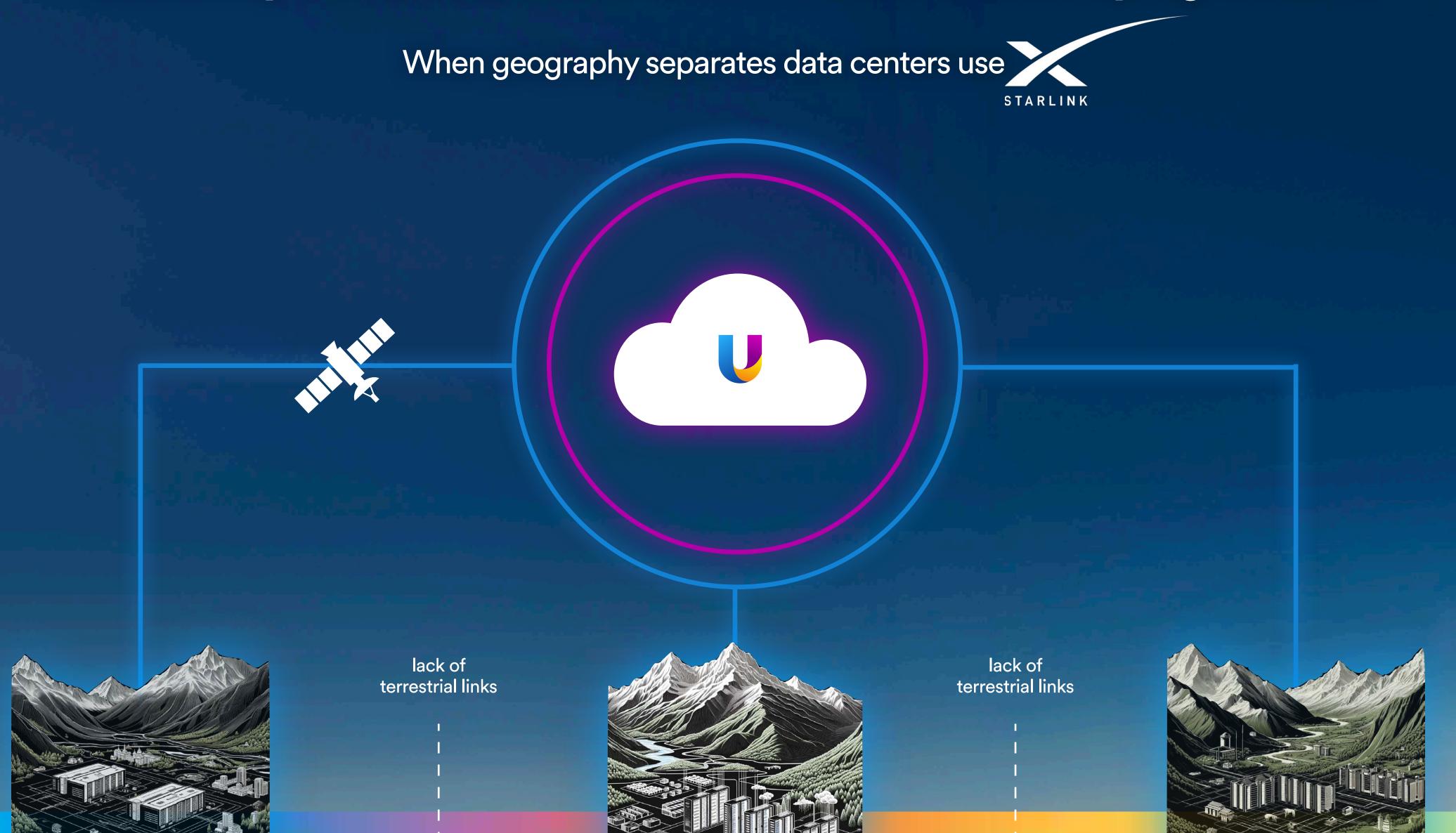


Create mobile local-area secure unstoppable cloud platforms





Bootstrap serverless cloud infrastructure in developing markets





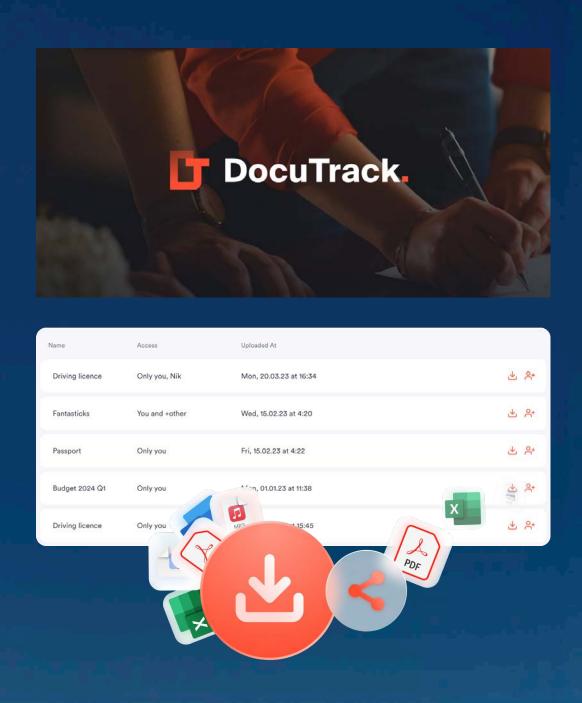
An app store makes pre-made sovereign services available

Passkey ID



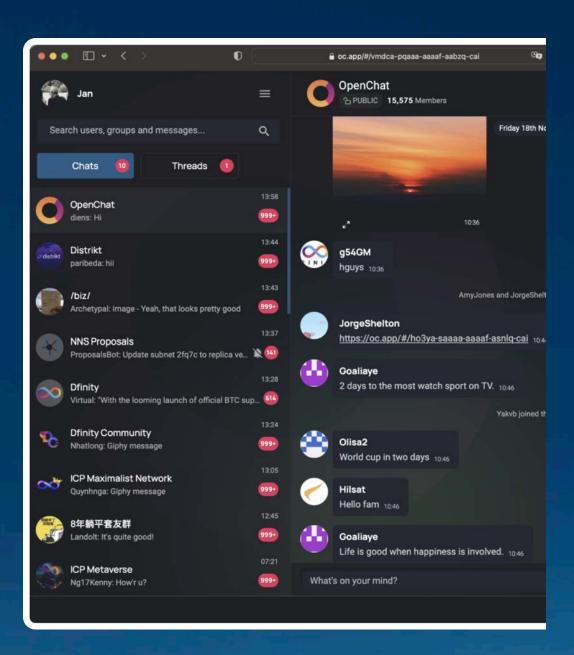
Upgrade to new sovereign enterprise identity systems based on passkeys, WebAuthn and FIDO

File sharing



Keep your documents secure, and make sure they are shared in a secure and tamperproof way

Messaging

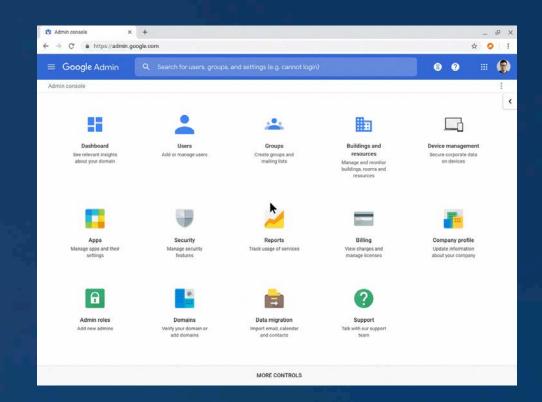


Install secure sovereign enterprise messaging, bulletin board and communities



Build and host almost anything

Online systems/services



Enterprise apps that are tamperproof and unstoppable

- ERP, CRM...
- E-commerce
- Internet-of-things
- Industrial control
- Content and search

Al models



Enterprise Al that's tamperproof and unstoppable

- neural networks
- SLMs and LLMs
- Al context databases
- Al training data
- Al access control

Digital assets

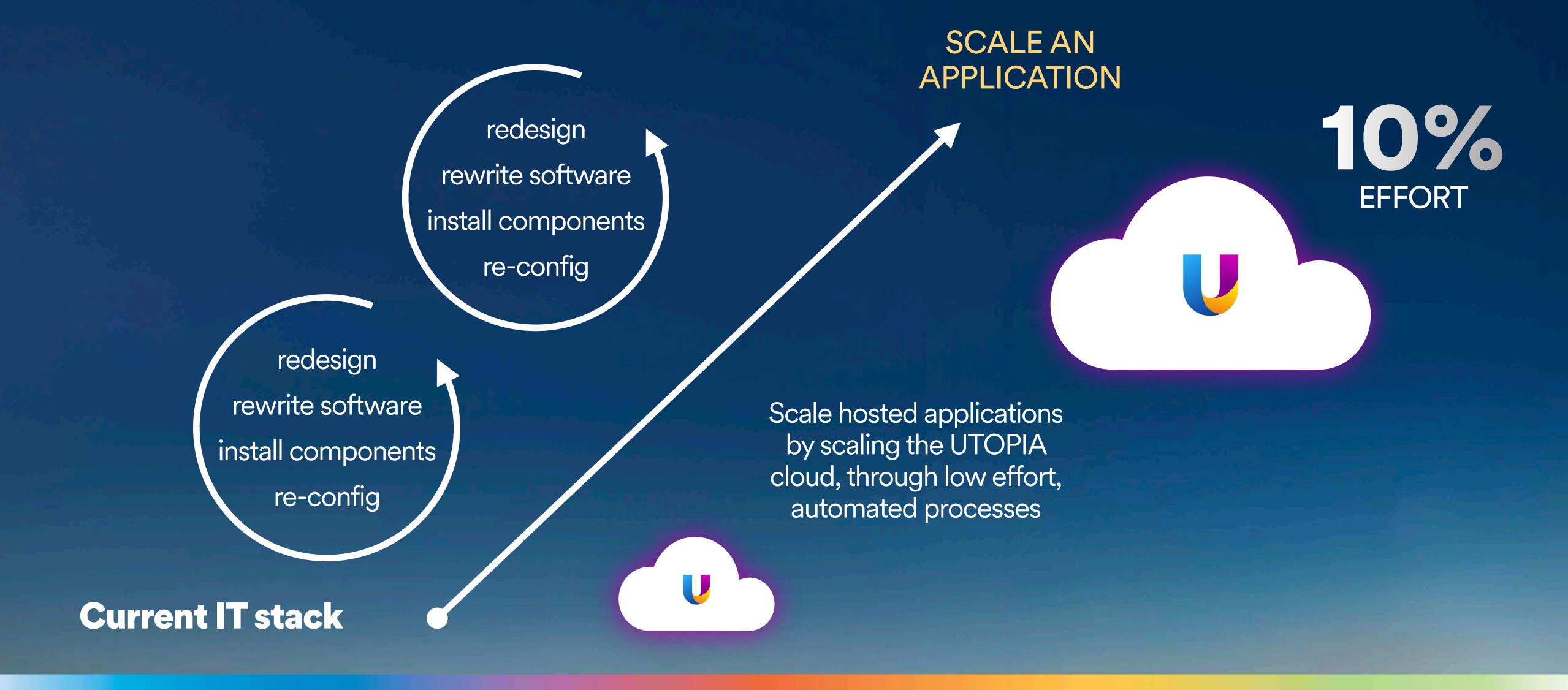


Securely store and process digital assets like they were data

- CBDCs
- Stablecoins
- RWA tokens
- Security tokens
- Cryptocurrency



Don't redesign applications to scale... auto-scale their UTOPIA instead





EXAMPLE – building a data management application/portal

IT focuses on what not how. On UTOPIA applications consist only of UX, pure business logic, and data

Current IT stack:

10,000+ lines of code

Plus, install, configure and administer...

- Web servers
- Database servers
- Cloud orchestration
- Backup systems
- Cybersecurity
- etc

UTOPIA cloud:

< 2,000 lines of code

Build applications and services without:

- Web servers
- Application servers
- Database servers
- File systems
- Caching servers
- Cybersecurity





ON A UTOPIA, DO ALMOST NO SYSTEMS ADMIN



Application development, and management, using generative Al



Build an application, and update a <u>running application</u>, which has data inside, simply by interacting with an Al. Functionality enabled by the unique environment UTOPIA provides.

