



Re-imagining the Business Permit and Licensing Information Portal



Value Proposition: One-Stop-Shop

Re-imagine the existing BizPal information portal to become a fully **one-stop-shop** for small business start-up and build-out of their enterprise - providing complete **end-to-end** service for its users and partners - utilizing distributed ledger technology to facilitate seamless data capture, transaction, and delivery of services relating to the permitting and licensing required to start and grow Canadian business.



BizPal Overview

- ✓ All levels of government in Canada
- ✓ A response to problems encountered with business start-up and growth
- ✓ Generates a personalized list of required documentation
- ✓ Allows for verification by business operator that all correct permits and licences have been obtained.
- ✓ Serves as web portal to 1000+ approved partners in provinces and municipalities
- ✓ GC initiative with each jurisdiction responsible for maintaining their own data within the system.



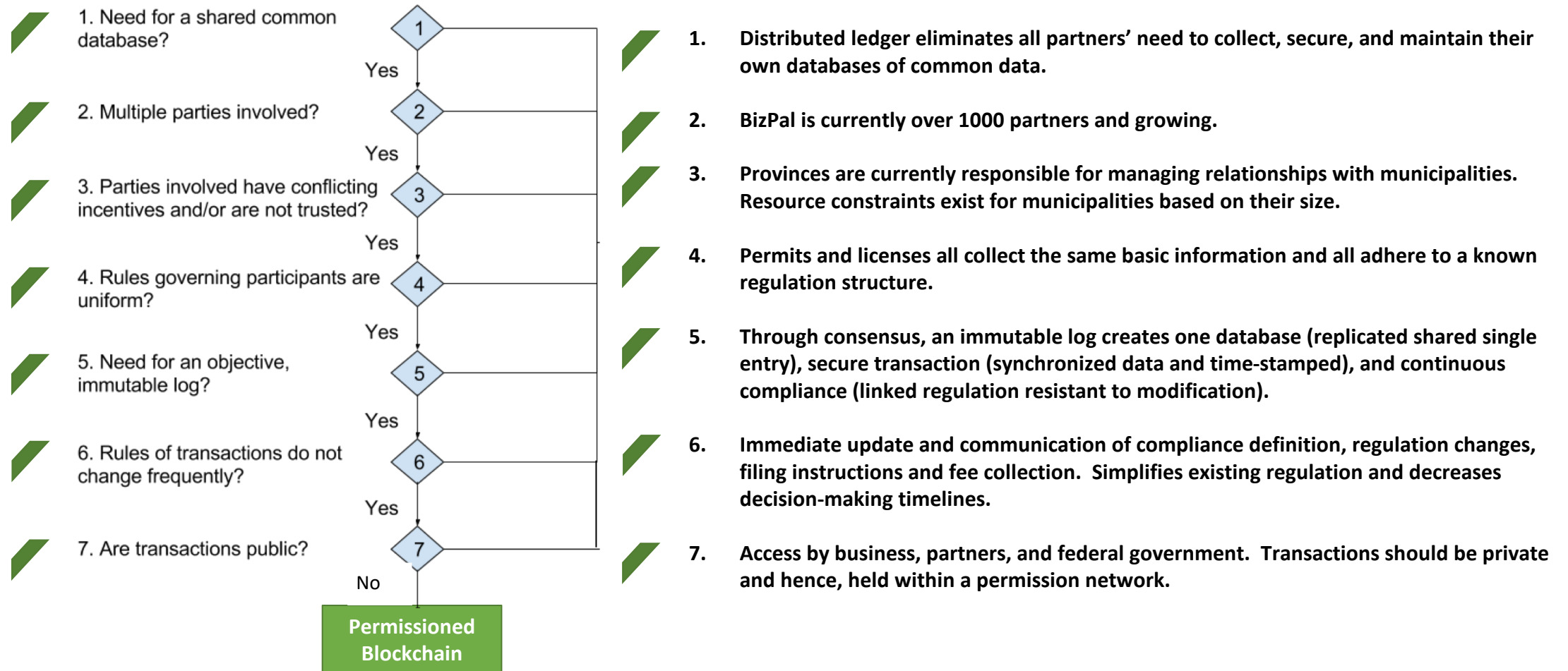
Distributed Ledger Technology

Private institutions like banks realized that they could use the core idea of blockchain as a **Distributed Ledger Technology (DLT)**, and create a permissioned blockchain (private or federated), where the validator is a member of a consortium or separate legal entities of the same organization.

**“The old question of ‘Is it in the database?’
will be replaced by ‘Is it on the blockchain?’”**

- William Mougayar, Canadian Businessman and Author of The Business Blockchain.

BizPal Blockchain Decision Path



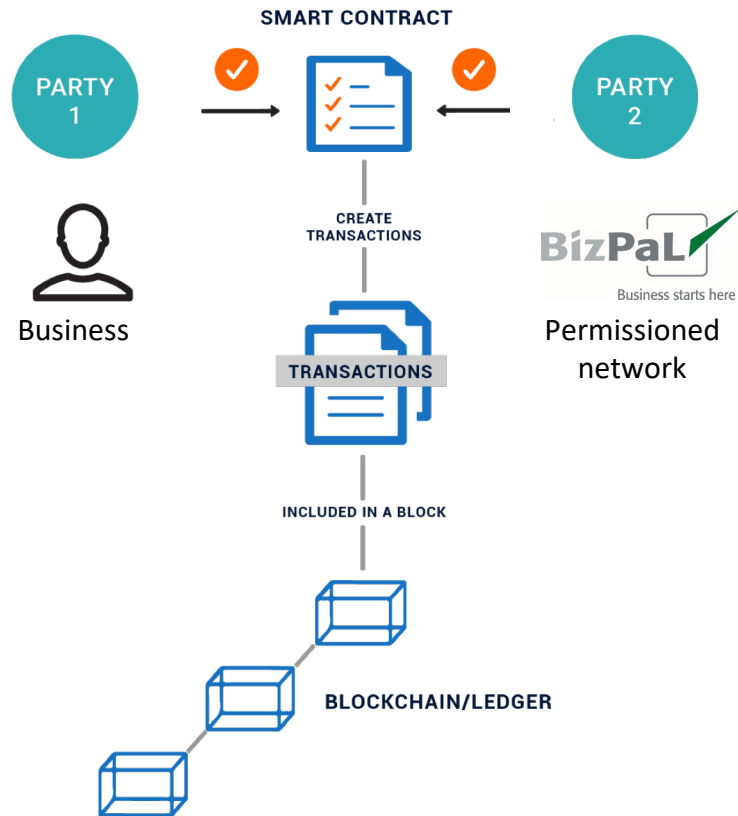
Value Achieved with BizPal DLT

Government will provide **good service** to users
by **simpler, clearer communication of regulations**
and **real-time updates** among partners.

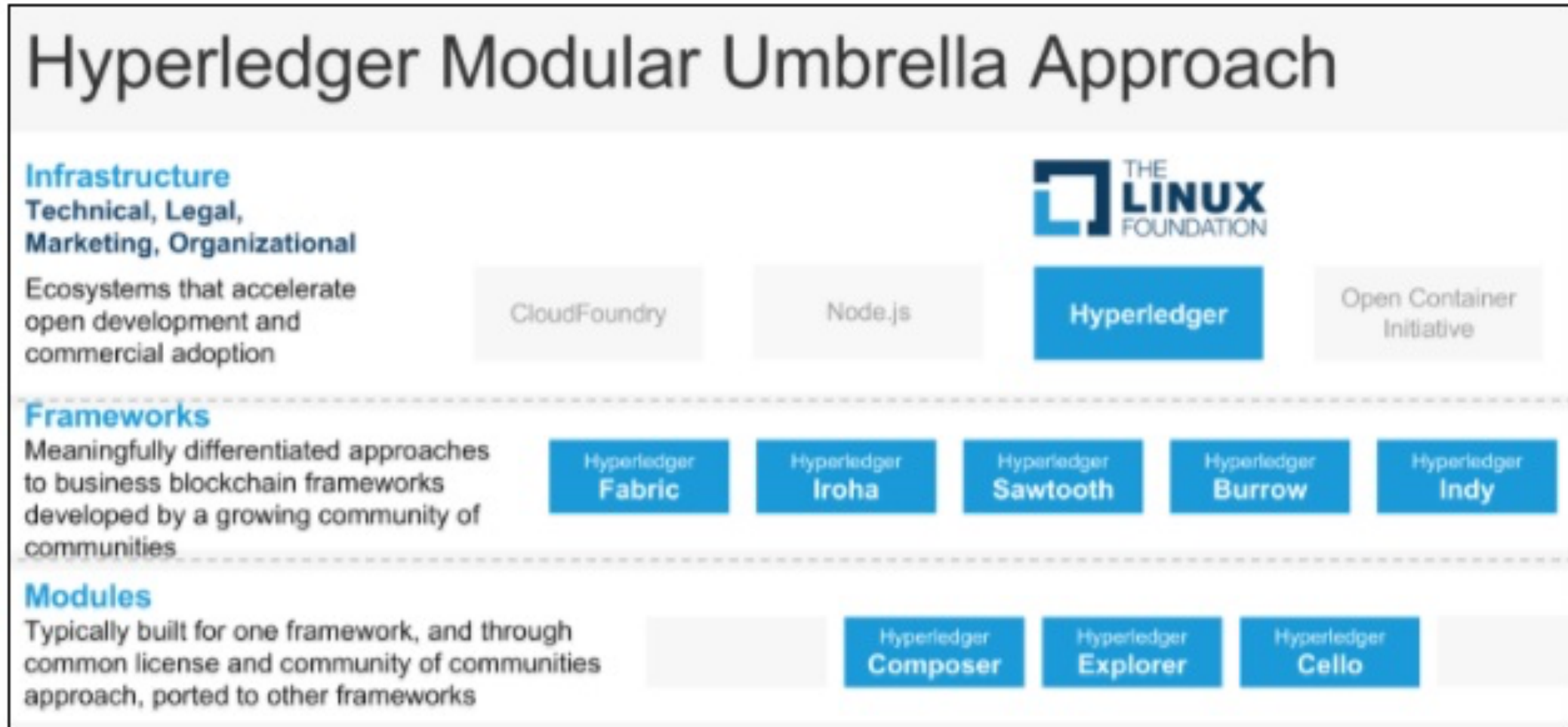


How to Structure a BizPal DLT

BLOCKCHAIN FLOW FROM USER TO BIZPAL PARTNER

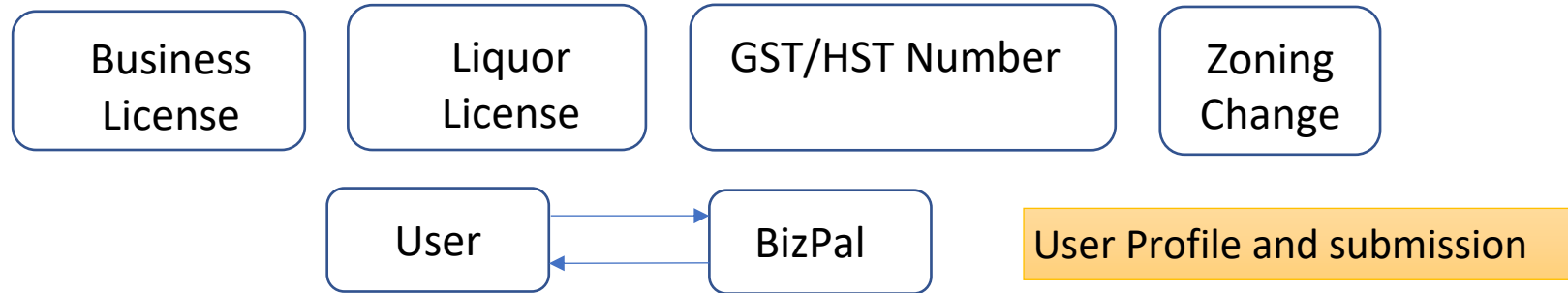


Why Hyperledger?

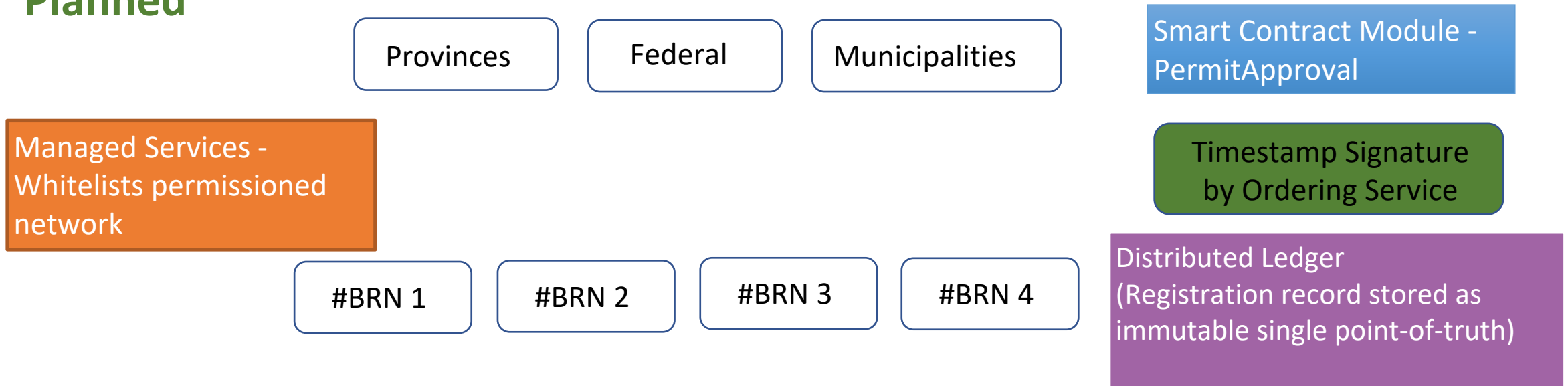


BizPal Business Flow Modules

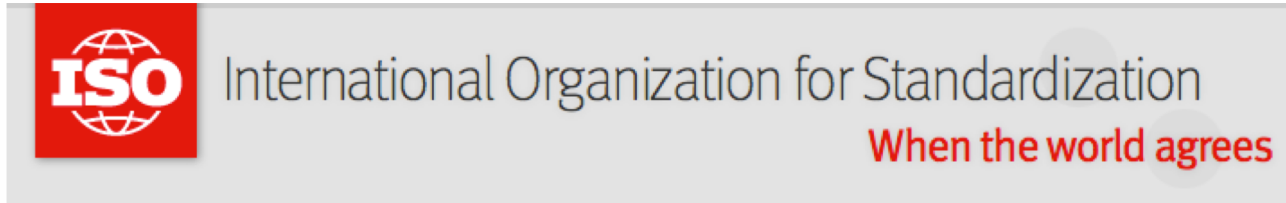
Current



Planned



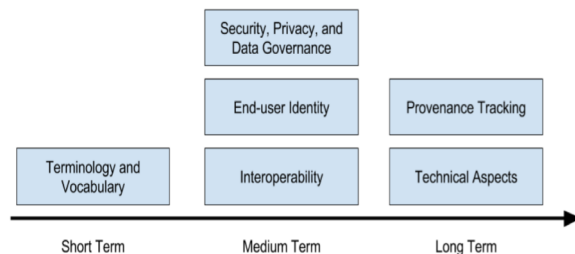
Quality Assurance



ISO/TC 68/SC 2 Scope [Our Current Guideline] Financial Services, Security

ISO/TC 307 Scope [Under Development] Standardization of blockchain technologies and distributed ledger technologies

STANDARDS ROLE IN SUPPORTING BLOCKCHAIN/DLT



- Reference architecture, taxonomy and ontology
- Use cases
- Security and privacy
- Identity
- Smart contracts
- Governance of blockchains and distributed ledger technology systems
- Interoperability of blockchain and distributed ledger systems
- Foundations
- Security, privacy and identity
- Smart contracts and their applications

Key Metrics for Progress & Success

Interactions between users, partners, and BizPal each have their own timelines and processes. **Digital Ledger Technology (DLT) offers:**

- Provides business with a **seamless service** experience
- Increases government service **visibility and traceability** across all levels
- Ensures **privacy** of business information and interactions
- **One-stop-shop** for application access and status check
- Provides **digitally verifiable proofs** of qualification and adherence to regulation
- Business owns their **proof-of-status** and can use it with any other government online transaction that requires it
- Businesses **flourish and receive optimal benefits** from government services at all levels
- Greater **participation, increased transparency** and ability to **maintain trust** and **integrity of data**
- Records are **secure, transparent, and immutable**.

Challenges and Future Plans

Suggest:

- Further requirements specification
- Further technical specification
- Further detailed and module design
- Further prototyping
- Further development of H/W and S/W Modules
- Further module and system integration
- Further testing
- Acceptance testing
- Lab Site Install
- Site Acceptance
- (Sub) System Commission (Integration with other GC systems with actual data and operation controlled conditions)
- GC Takeover (Support/Maintenance, in-service live running, enhancement and future development)

Conclusion

Thank you for the opportunity to submit our BizPal developer proposal

Team BizPal Google Video:

https://drive.google.com/file/d/1V83_k95uQN37ndEoTpIKLKtQzr7jPaGY/view?usp=drivesdk

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