

HIVE TECHNICAL VISION

HIVE.IO

Enterprise-level blockchain solution

Optimized blockchain technology built to scale and adapt to shifting needs

- Identification and focus on new deliverables and commitments
- Optimizing the existing processes, including testing, patching and gap identification
- Building in security mechanisms to address potential DPoS-related vulnerabilities
- Lowering the operating cost of nodes and baseline infrastructure to promote robust scaling



Expansive roster of maintained libraries and development tools

Diverse libraries maintained by a decentralized network of developers

- Libraries managed by developers who have created them or have extensively modified them
- Developer commitment to select library or code base
- Documented development tools supported with recipes and community resources
- Focus on ease of integration and ease of new development



Layered solutions

First and second layer of plugins that allow for functionality without adding bulk to the blockchain itself

- Modular plugins at first layer (blockchain-level) and second layer (applications layer)
- Blockchain layer operations streamlined to focus on governance and native token management
- Second layer solutions to support custom functions such as smart contracts, fungible and non-fungible tokens, and interactive social applications
- Standardized microservices to support easy integration of new 2nd layer applications into the Hive ecosystem



Decentralized redundancy

Backup provisions to ensure lossless and continued operation of critical infrastructure

- Automatic failover in case of loss or compromise of primary key servers and nodes
- Geographically distributed servers and nodes to prevent critical infrastructure-based attacks
- Full utilization of and emphasis on the promotion of Open Source developed and incorporated solutions
- Teams with overlapping skill-sets for high availability design and support

