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Re-Architect Blockchain, De-Centralize Finance

The Blockchain Database Cloud by Sunny King, Creator of PoS.

The content described in this presentation are the planned features of the V SYSTEMS project and are subject to many external factors such as technology shift and/or market change. These technologies also require large capital and years of R&D to realize.

Risk of investment loss is high. It should not be interpreted that V SYSTEMS guarantees the eventual realization of any of the described technology. V SYSTEMS reserves the right to make changes and/or adjustment to the technology goals, features and roadmap of the V SYSTEMS project.

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V SYSTEMS' Project Goals

- **Cloud computing platform** that allows efficient creation of new blockchains and lowers cost for blockchain application development
- **Decentralized interactions** between blockchains allows massive scale of interaction beyond data storage capability
- **Diverse ecosystem** with a self-governance mechanism to fully support the growth of virtual economy
- **Re-architecture of blockchain technology** to utilize modularized structure to simplify software upgrade
- **General-purpose blockchain database** to represent data and information in descriptive and integrative manner, so that application developers can focus on business logics
- **High scalability** to improve the performance of all networks

Blockchain Database VS Traditional Database

Blockchain	Traditional Database
High degree of centralization	Centrally controlled database
Public database with digital privacy via public key cryptography	Private database
Rule based distributed collaboration	Central administration

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Other Unique Characters of Blockchain Database

Immutable	Safe	Open

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Market Prospect of Blockchain Database

- Market shift from relational database
- Cloud-based non-SQL database is on the rise over the last decade
- Debut of blockchain database: bitcoin (2009) / namecoin (2011)
- 20% of total database market of the future?

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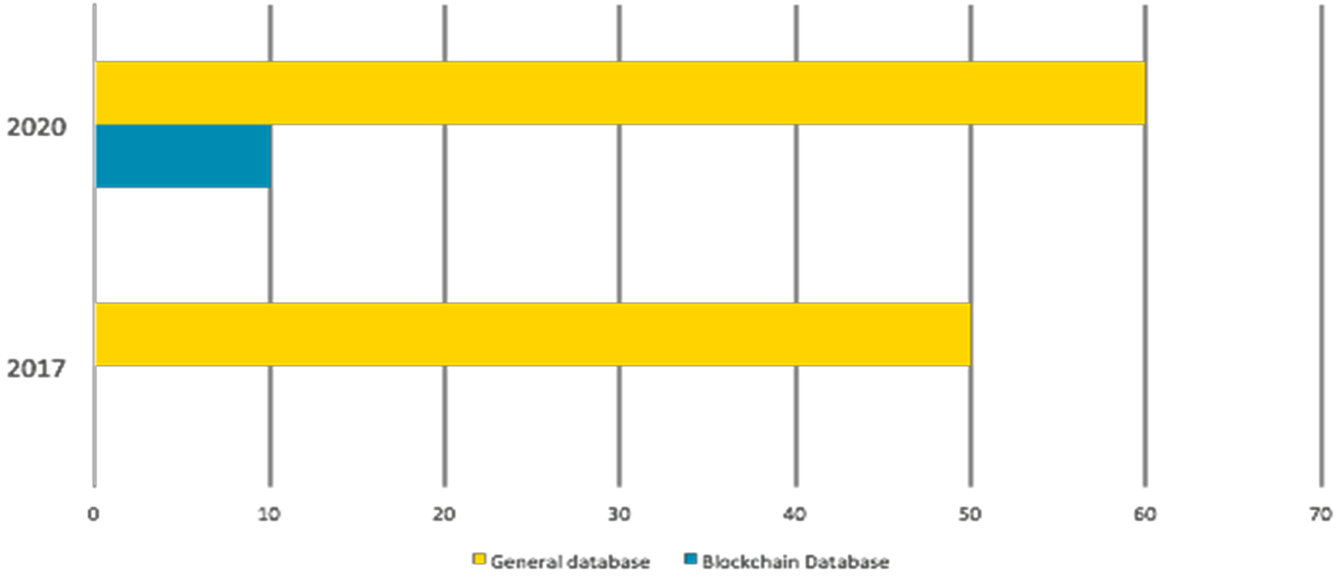
Blockchain VS General Database



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Problems with Bitcoin as a Database Medium

- Not designed for general database usage
- Highly discourage data storage over 100 byte per transaction
- No native data modeling of objects
- Single blockchain provides no isolation system or resource between applications

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Next Generation Platform Designed for Database Usage

- Object data modelling
- Blockchain truncation / archival support
- Multiple consensus algorithms support
- Instant blockchain creation for application developers
- Cloud support for application developers

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Why Multiple Blockchain Support

- Single blockchain is not a suitable platform for general database usage
- Scalability limitation of blockchain technology exacerbates when multiple applications resides in a single blockchain
- No system-wise isolation, a failure in one application validation logic would cause problems for all
- No resource-wise isolation, one application might deplete resources of all

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Other Planned Features

- Indexing and searching support
- Big data analytics and real-time analytics support

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Lightweight Client

V SYSTEMS Blockchain Platform

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Summary of V SYSTEMS' Advantages

- **Open**
  Open source platform that allows developers to build applications through public APIs and encourages fair competition

- **Agile**
  Flexibly and quickly generate new blockchains with simple commands and user-friendly interface

- **Powerful database features**
  Allow application developers to focus on business logic when designing data modules

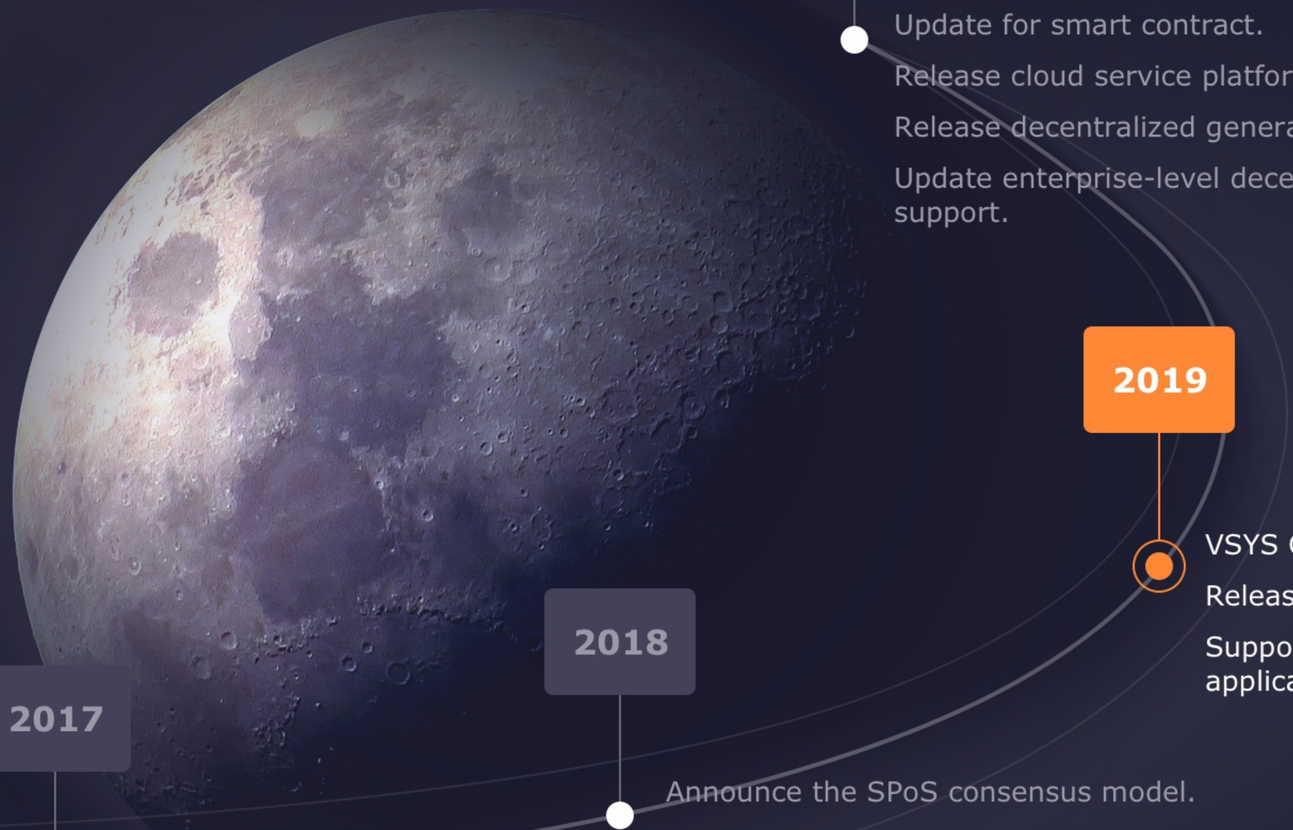
- **Cloud**
  Public platform to support an ecosystem of applications

- **Scalability**
  Scale both in-chain and cross-chain

- **Security**

- **Smart contract**

Roadmap



2016

Discuss V SYSTEMS' original ideas and goals.

2017

Finish the first version of technical whitepaper.

Launch the official project website.

2018

Announce the SPoS consensus model.

V SYSTEMS mainnet and wallet go live.

Start supernode operation.

2019

VSYS Coins get listed on exchanges.

Release of smart contract.

Support enterprise level decentralized application.

2020

Update for smart contract.

Release cloud service platform.

Release decentralized general purpose database.

Update enterprise-level decentralized application support.

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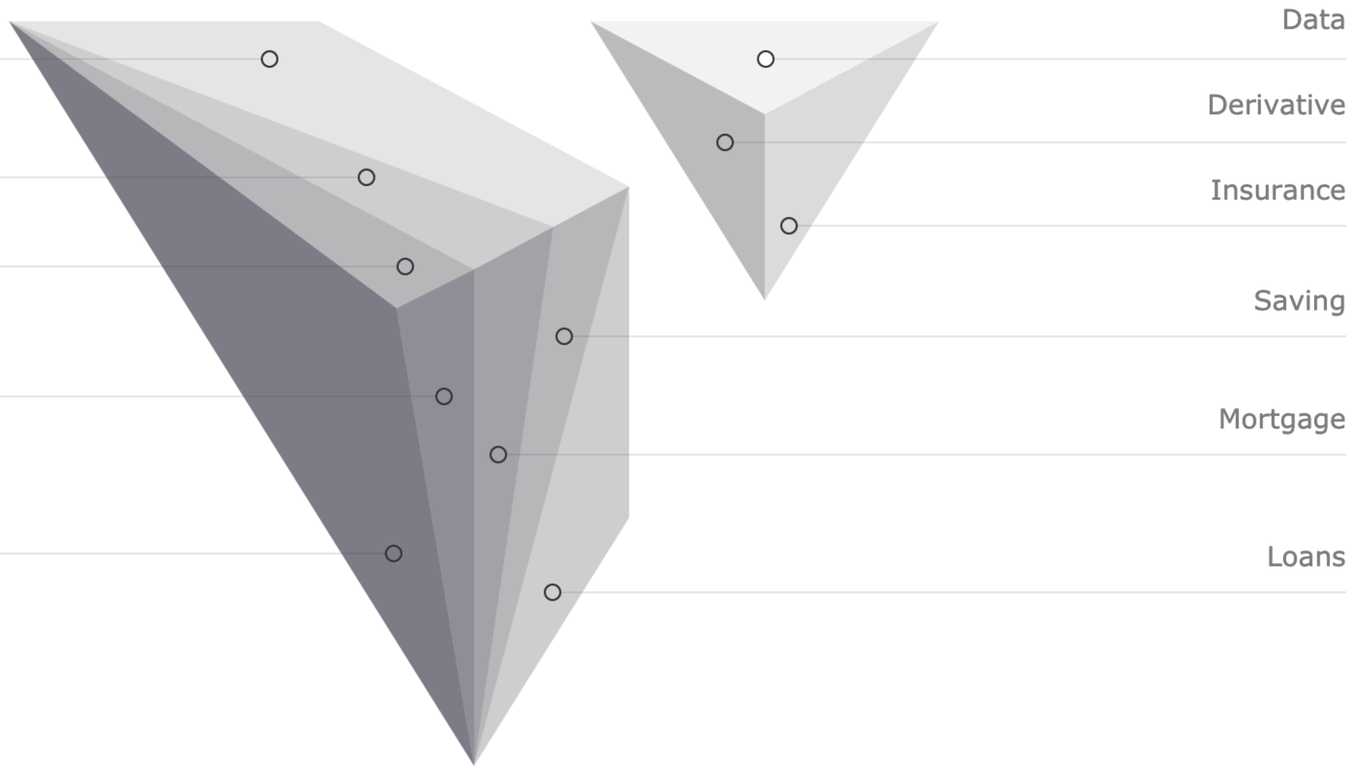
Blockchain Apps on V SYSTEMS



Key Technology Points

- Innovative database structure
- Modularization
- Inter-chain communication
- Cloud
- Mobile app

	Transactions Per Second	Cost Per Transaction
BTC	X or XX	About $20
XRP	XXX to 1,500	<$0.0005
ETH	XX	<$1
EOS	60 /max4000	$0(Charge by Data)
Visa	On average 2,500	1.5%
V SYSTEMS	25 at the beginning	0.1 vsys

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V SYSTEMS Function Roadmap

Function	2018	2019	2020	2021
Database and management		support		
Database bill system and storage management		support		update
Security	support	update		
Cloud	support			
Smart Contract	designing	support	update	
Modulization	support			
Zk-Snarks application	save layer	support&update		
Plugin protocol	partial support	support		
Mobile hot or cold wallet	support	update		
Sidechain	one of V SYSTEMS kernel functions			

More functions to be announced in the future.

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V SYSTEMS – The Future

- 2 to 4 times of major project update every year
- Support the migration from existing platform to new blockchain platform at a low cost
- Low maintenance
- Innovation releases on main stream blockchain technology

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http://v.systems

Medium

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