



# The Future of Asset Management Using Smart Contracts & Oracles

# Smart Contracts are a Superior Single Source of Truth

## Private Key



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## Smart Contract

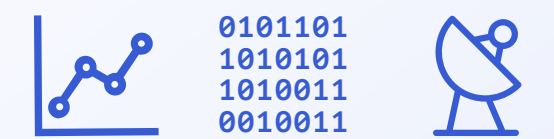


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## Oracle



### External Data



API

### Enterprise Systems

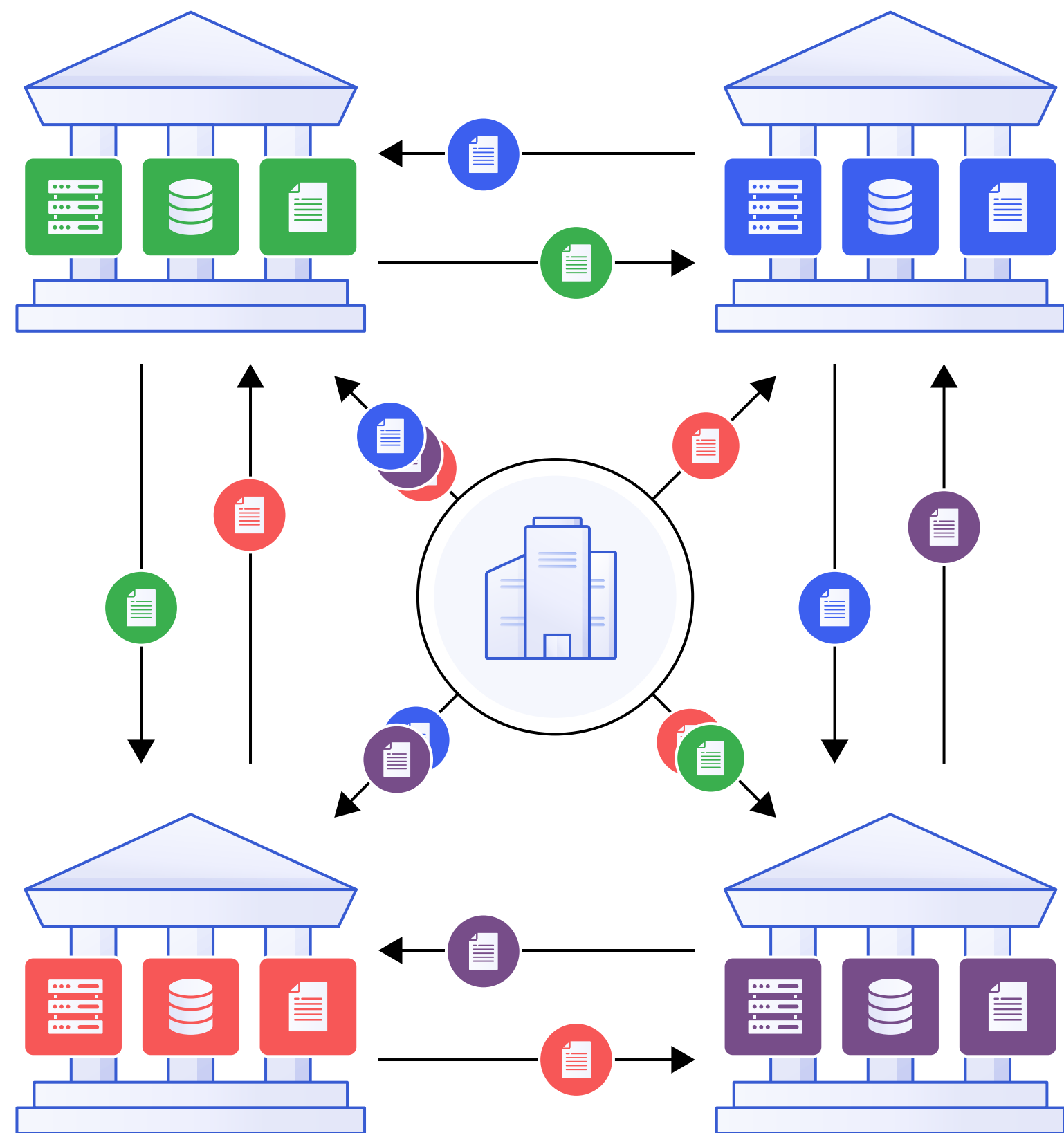


### Traditional Payments



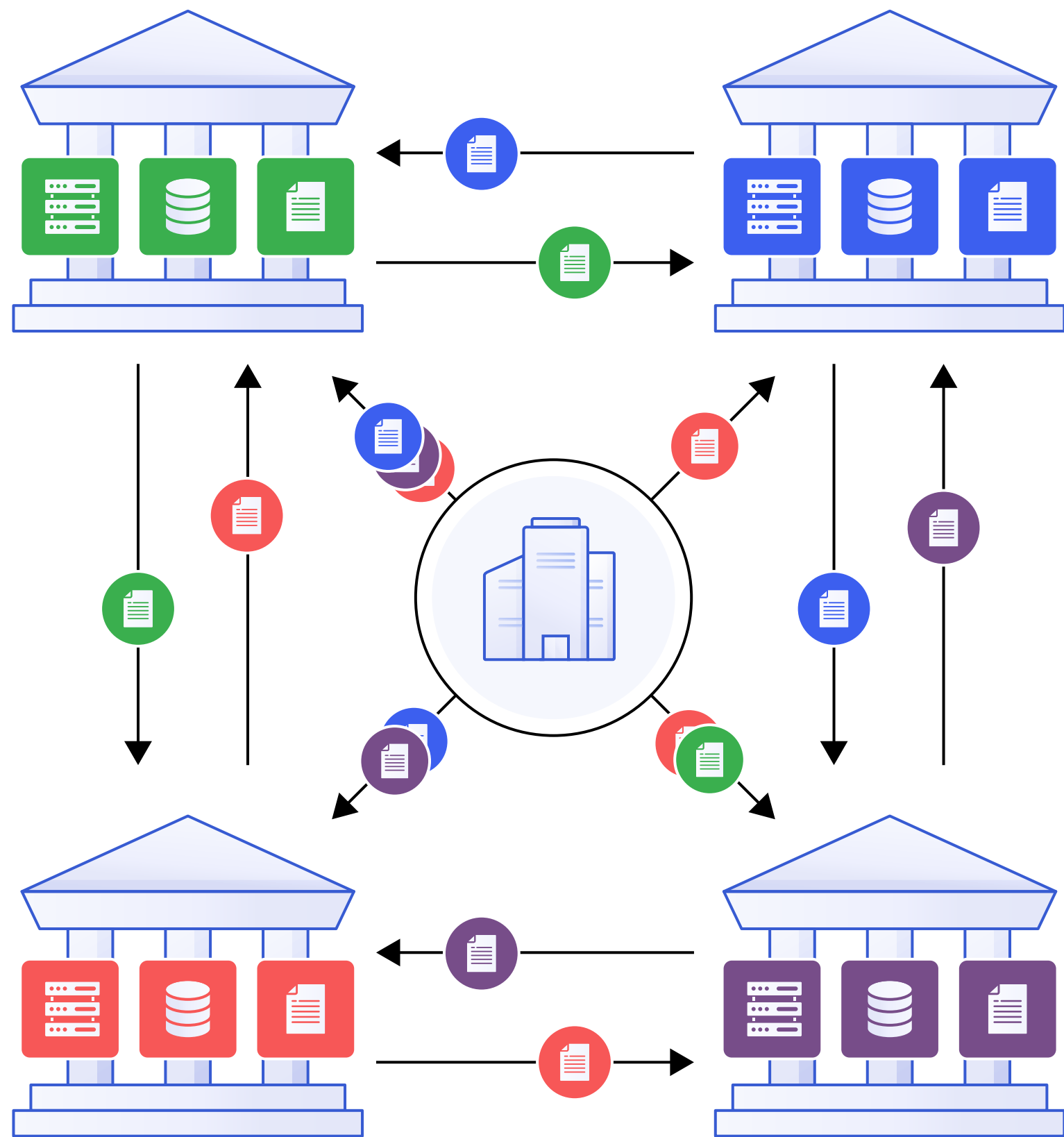
# Today's Asset Transactions are Fragmented and Inefficient

## Highly Siloed Transactional and Asset Data

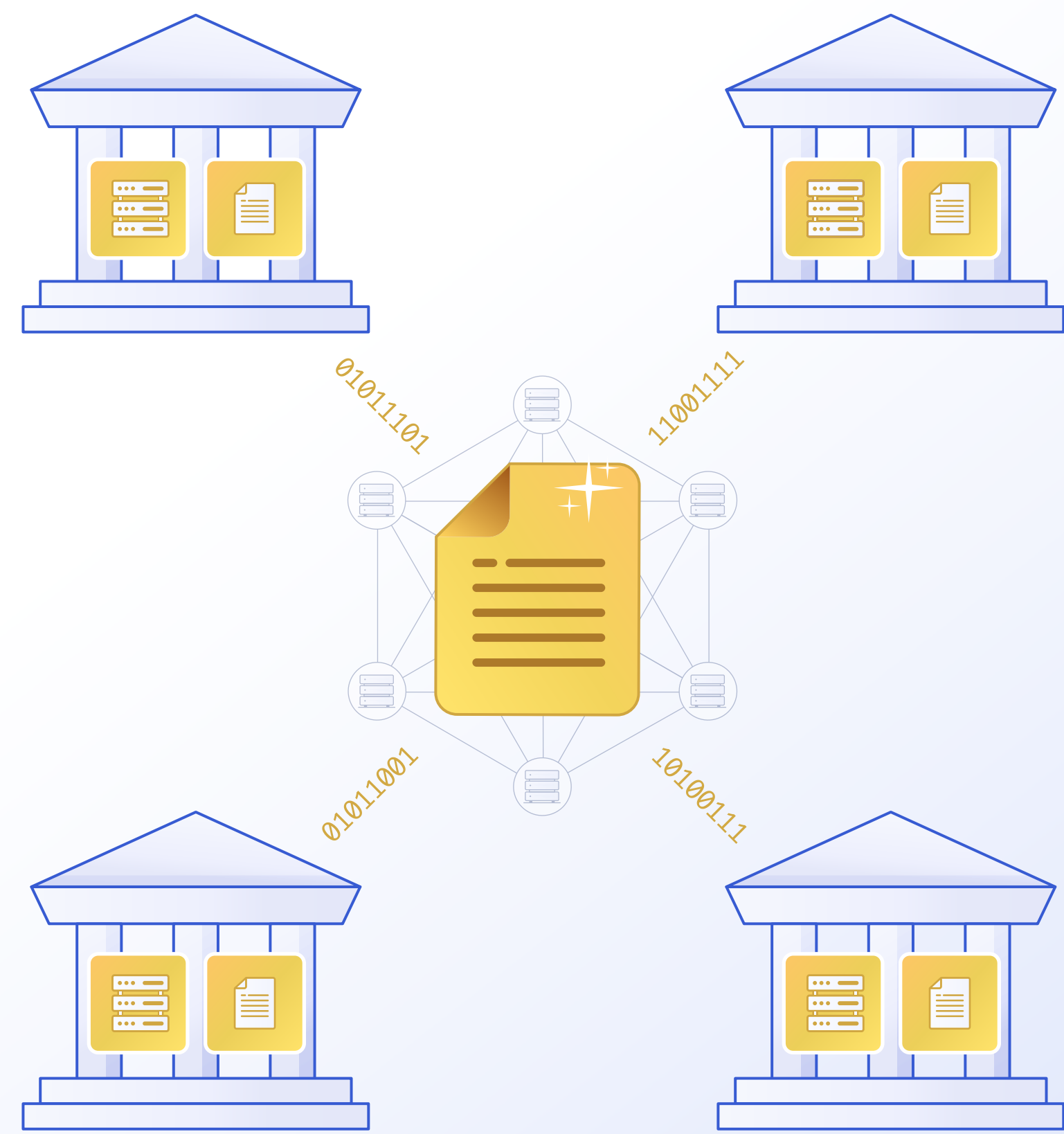
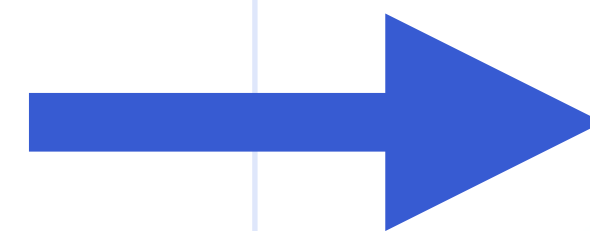


# A Single Source of Truth is the Future of Asset Management

Highly Siloed Transactional and Asset Data

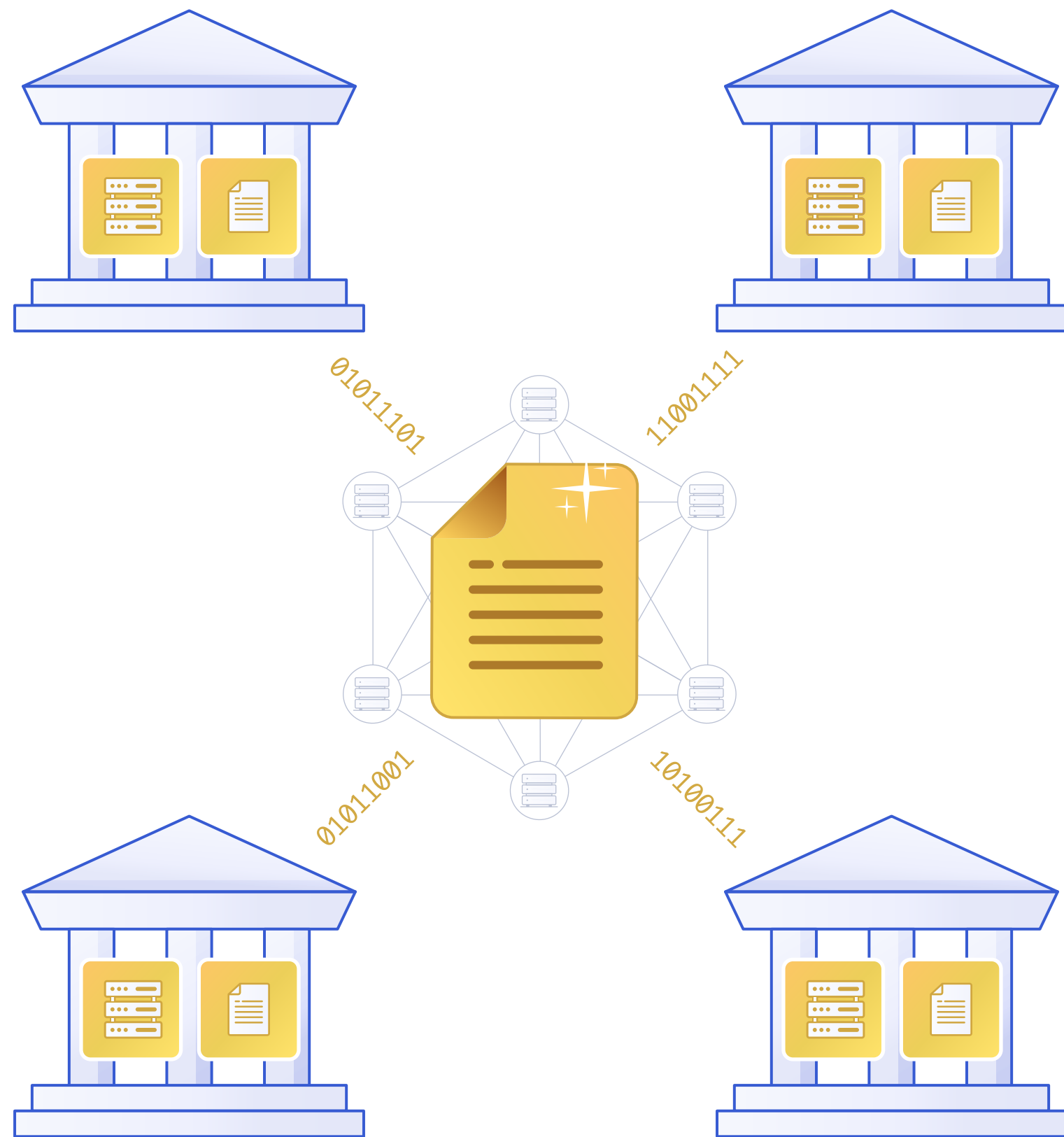


Single Source Transactions are Efficient and Secure



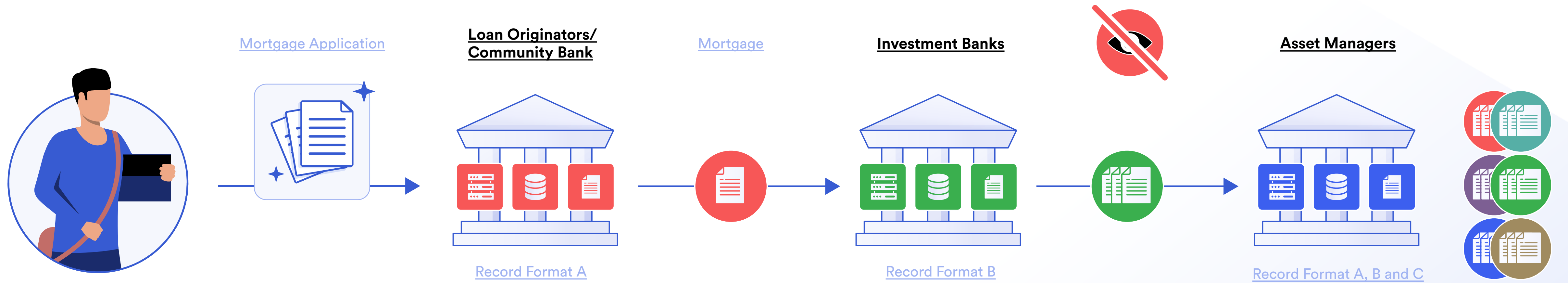


# The Transition to Single Source Blockchain Infrastructure

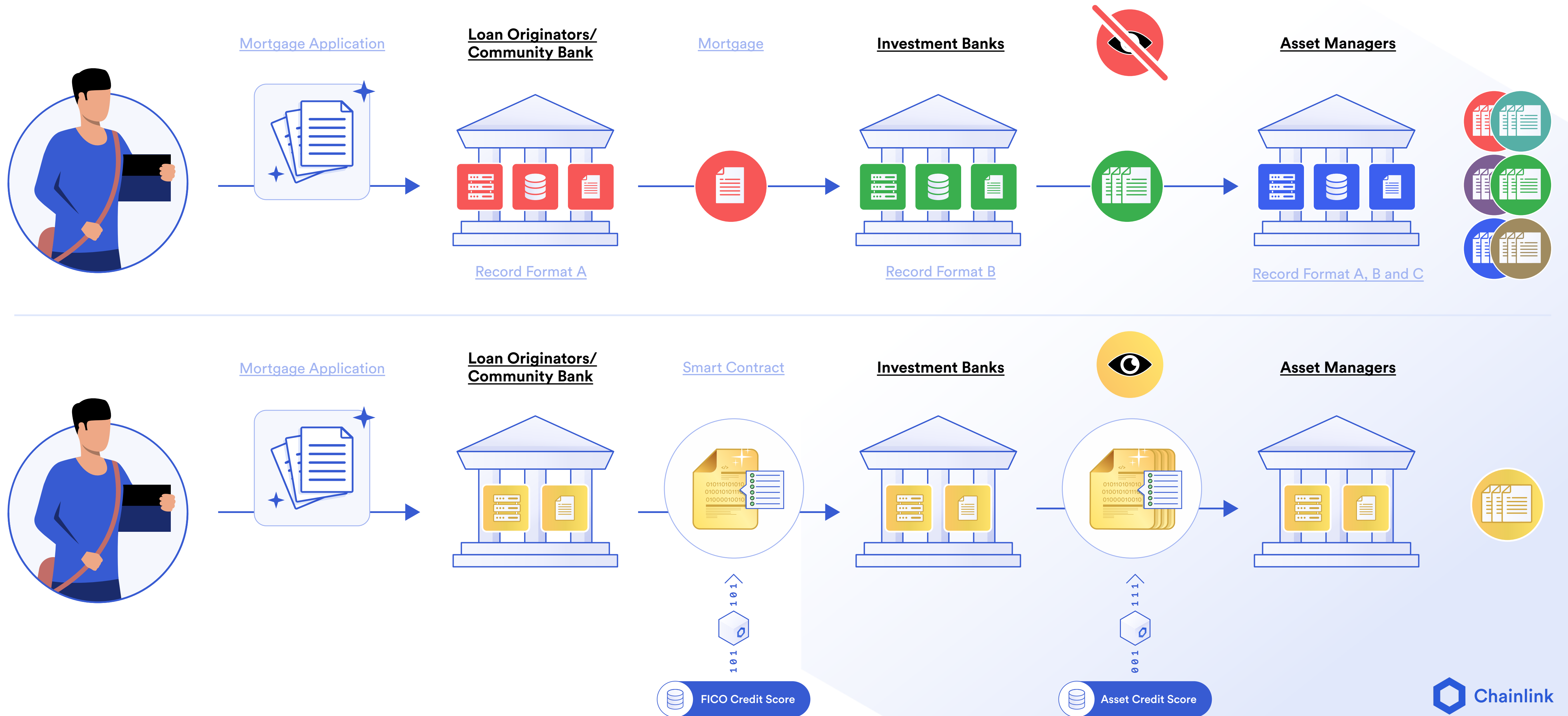


- **100X+ efficiency in transaction time/costs**, lowering operational costs and user's fees
- Superior risk management through better information about underlying asset value
- Cybersecurity built in at a foundational level, creating a zero trust security dynamic
- Faster access to new financial products and asset backed securities via fewer middlemen

# More Efficient Global Markets with Less Systemic Risk



# Better Information Leads to a Better Risk Assessment



# Smart Contracts are a Superior Single Source of Truth

## Smart Contract





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## Smart Contract



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## Smart Contract



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## Oracle



### External Data



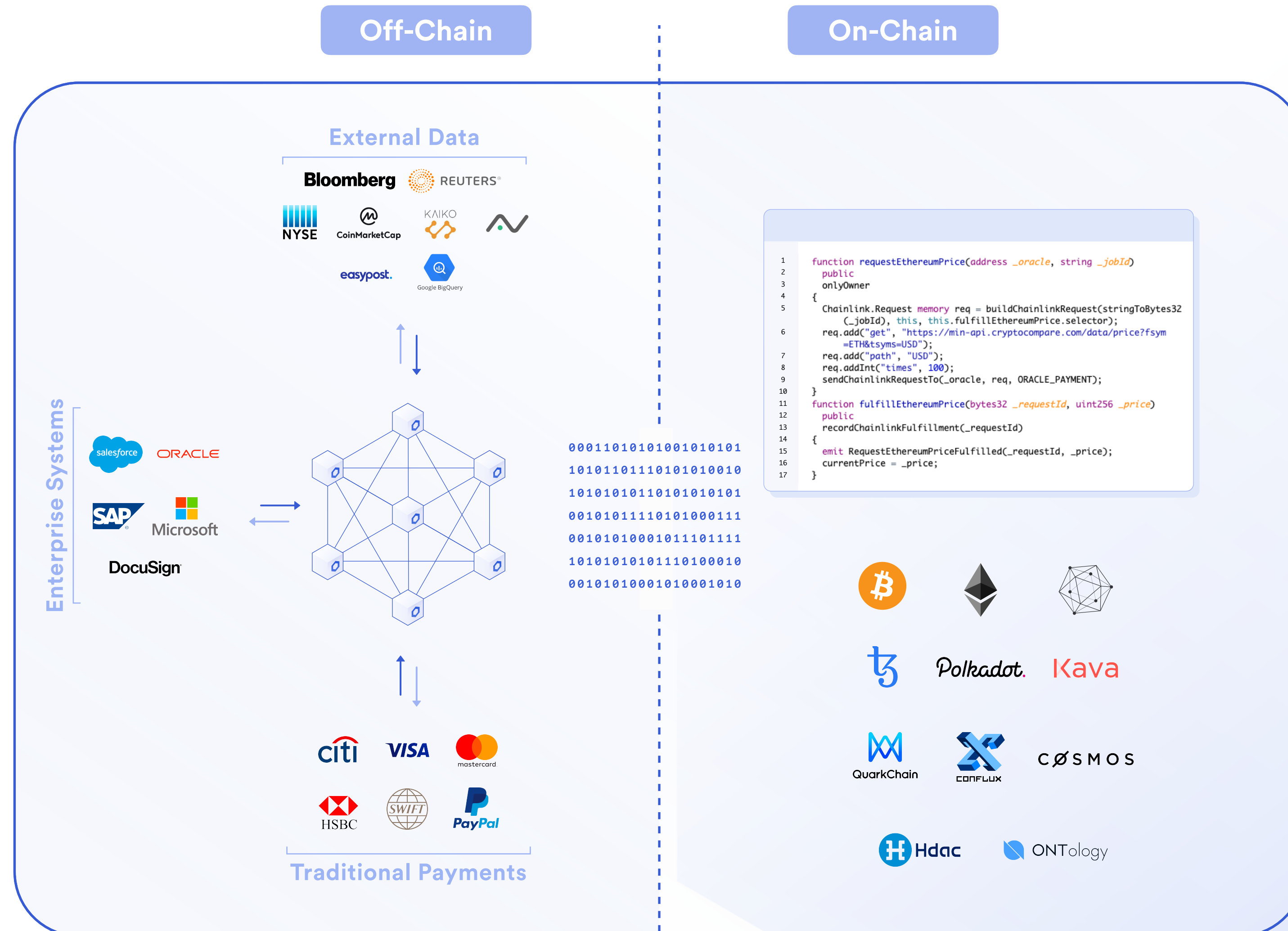
### Enterprise Systems



### Traditional Payments

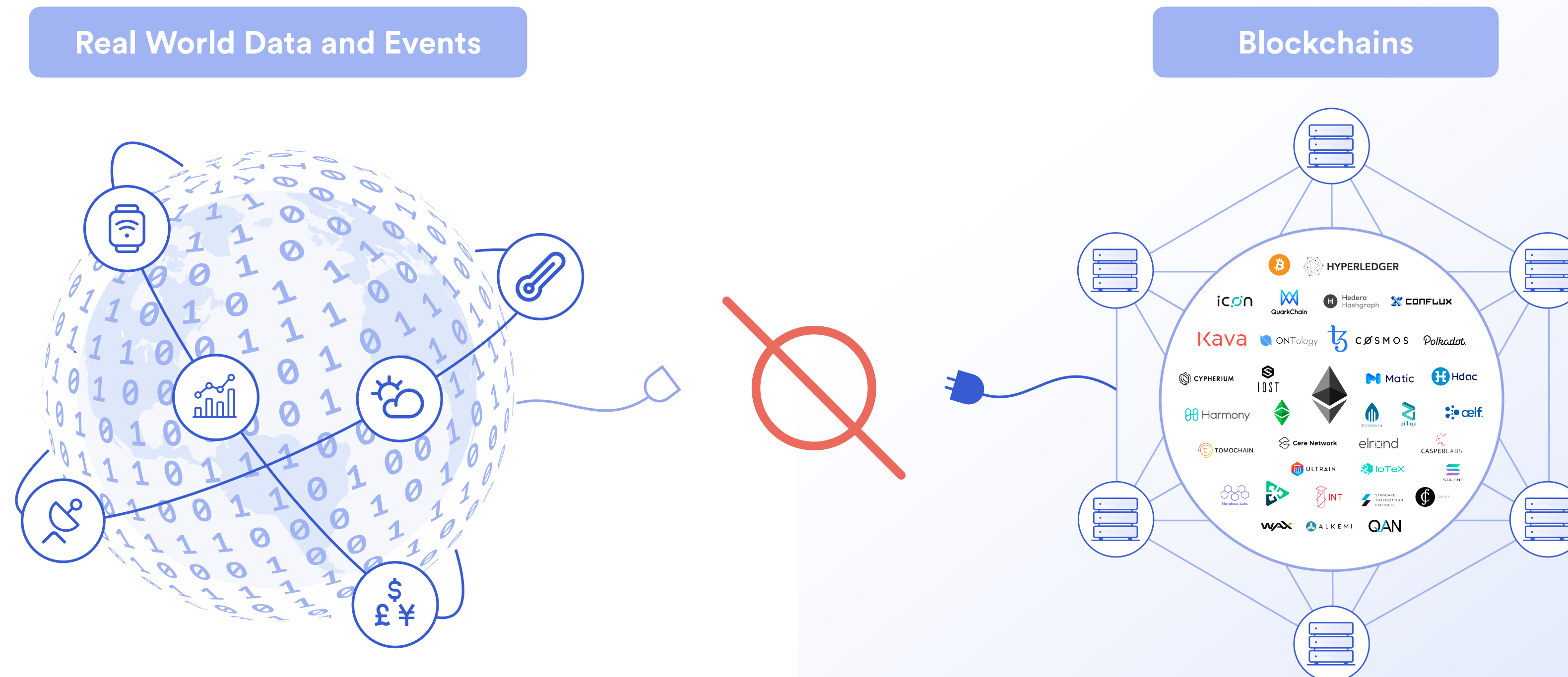


# Smart Contracts Consist of Two Equally Important Parts



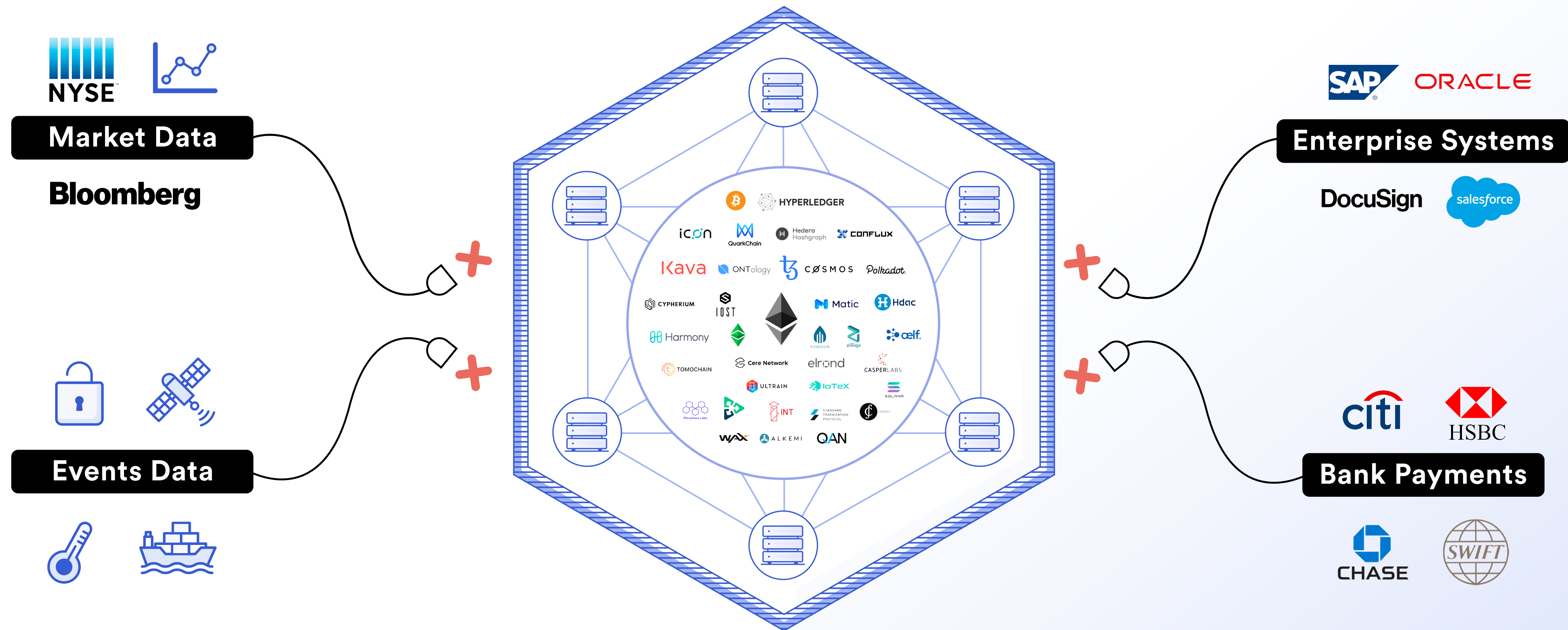
# The “Oracle Problem” for Smart Contracts

**Smart Contracts are unable to connect with external systems,** data feeds, APIs, existing payment systems or any other off-chain resources on their own.





# The "Oracle Problem" for Smart Contracts





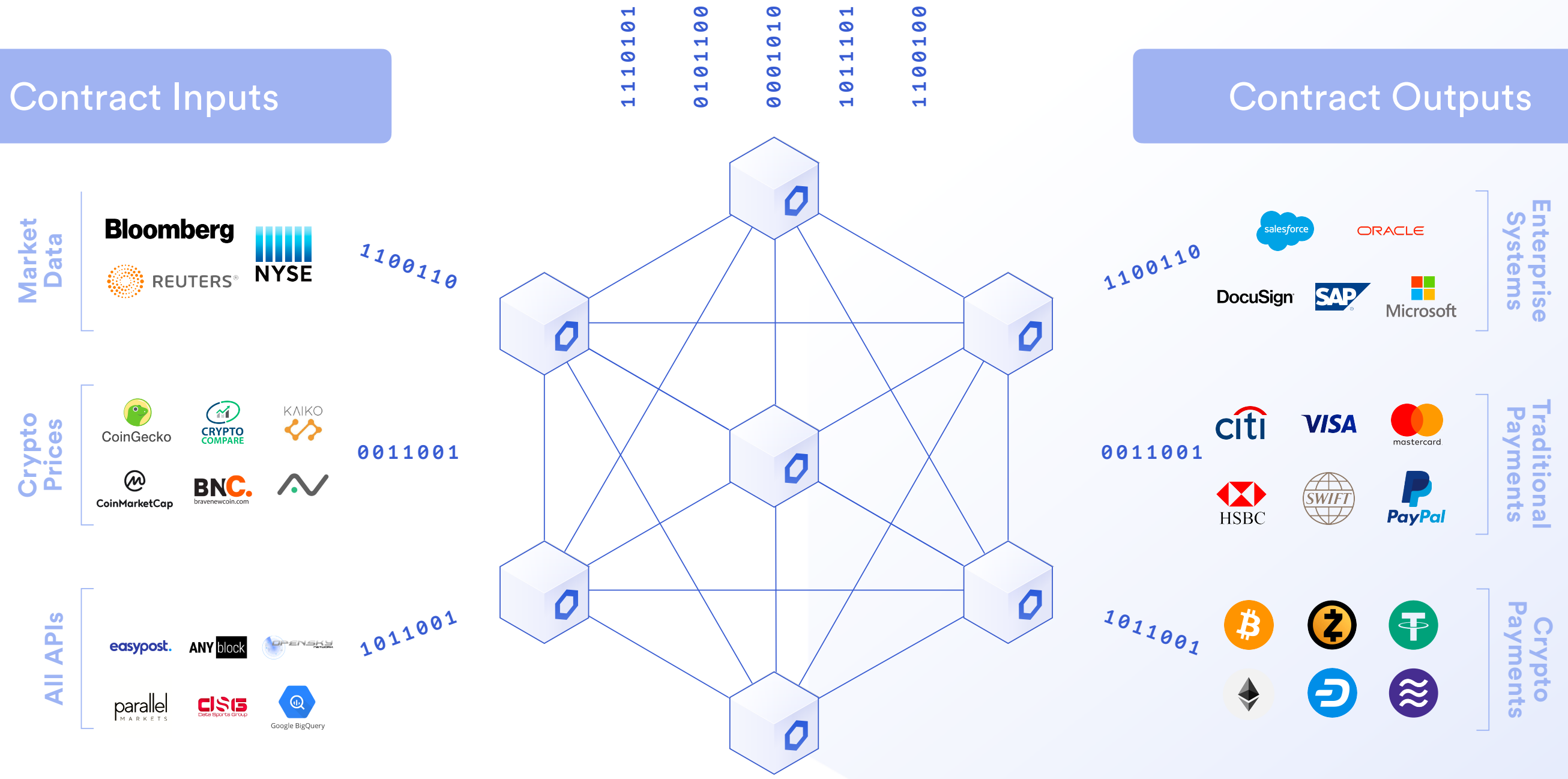
# Connecting Smart Contracts to All Inputs and Outputs

Smart Contracts & Blockchains



Contract Inputs

Contract Outputs



# Asset Managers Will Need to Interact With Multiple Chains



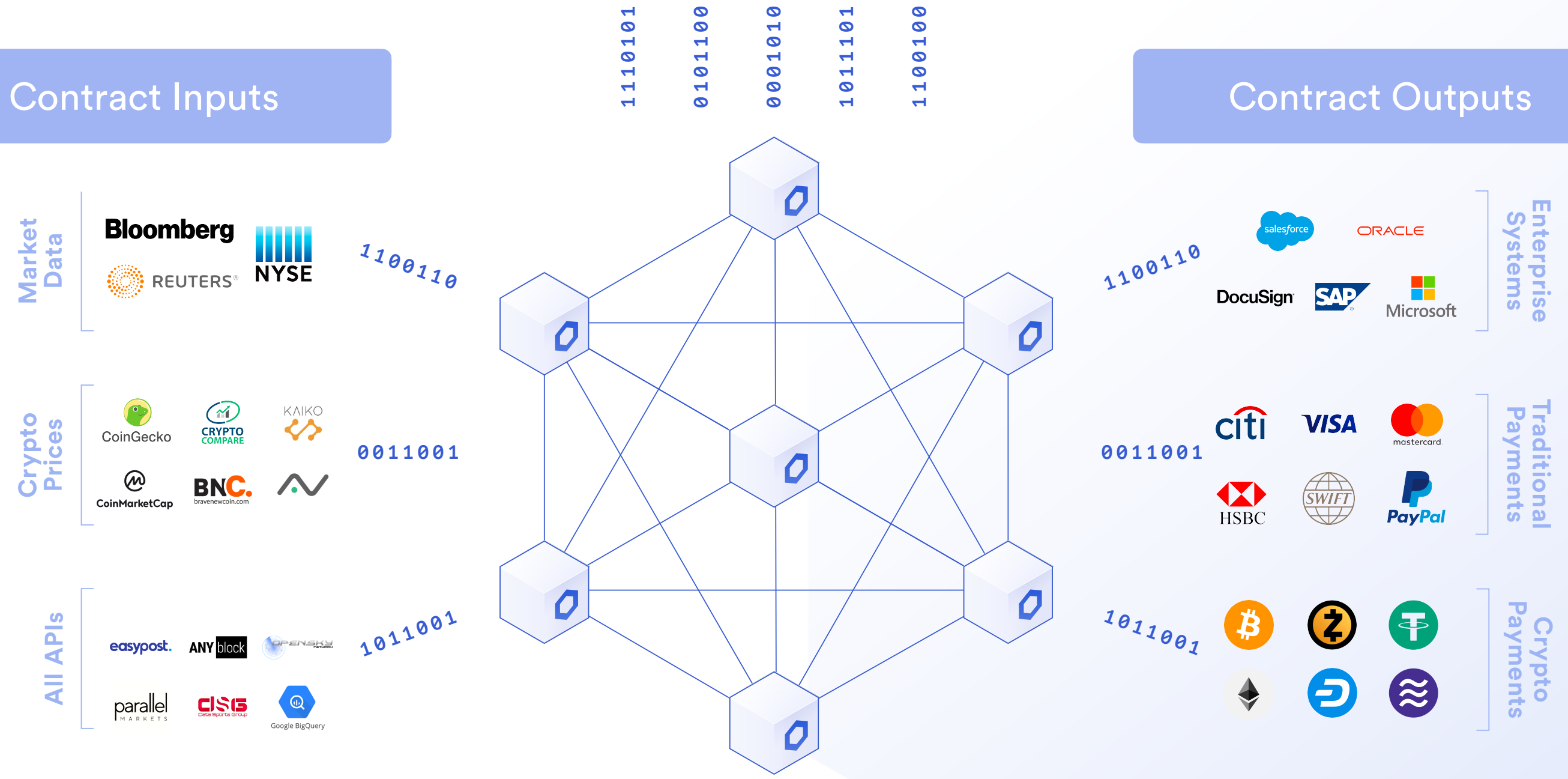
# Connecting Smart Contracts to Enterprise Systems

Smart Contracts & Blockchains



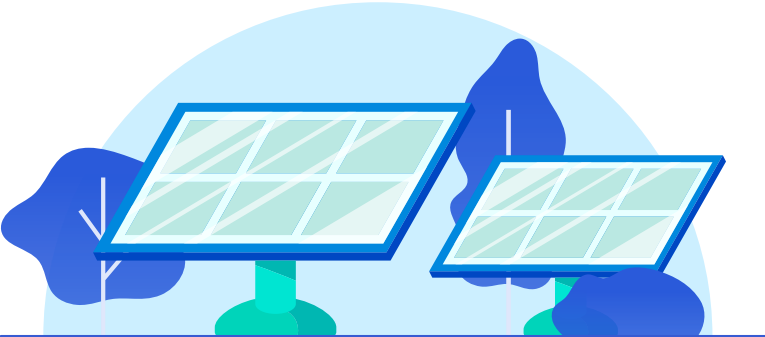
Contract Inputs

Contract Outputs



# New Assets, With Better Information and Lower Costs

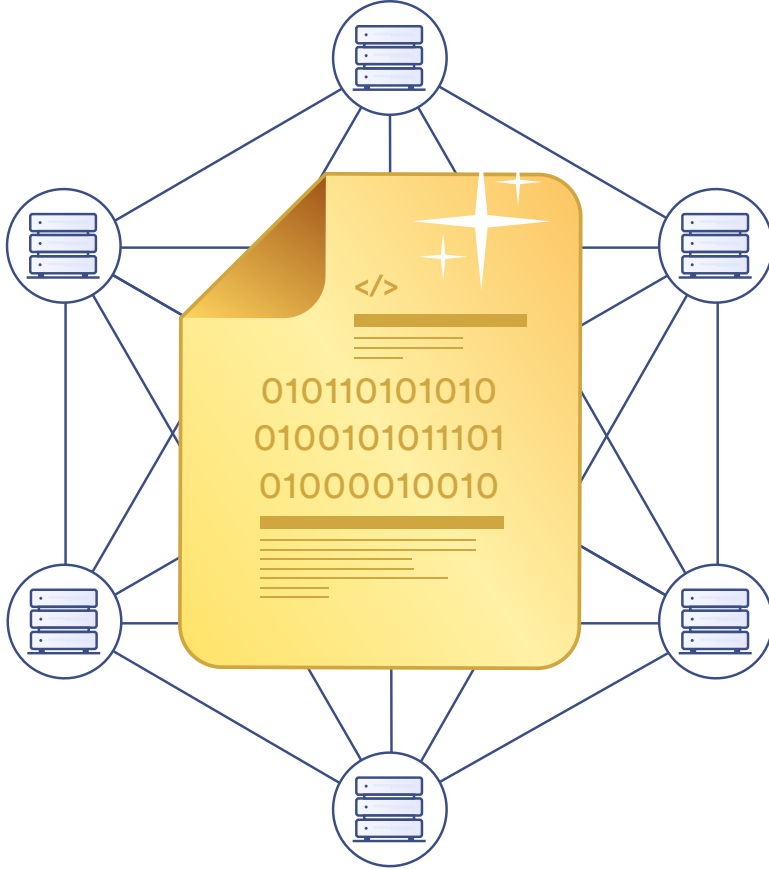
Solar Panel IoT Data



Premium Payments



Solar Panel Insurance Smart Contract



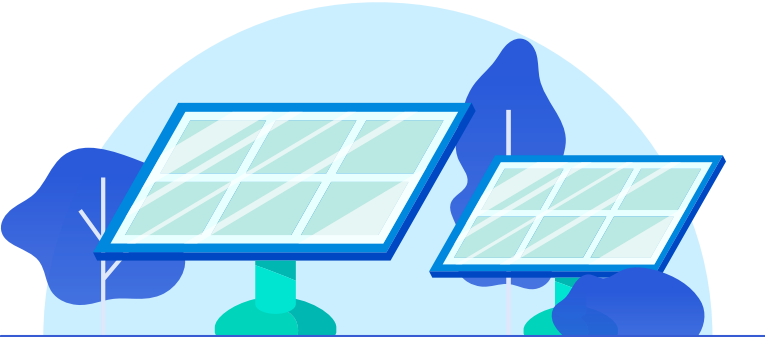
Energy Price Markets





# New Assets, With Better Information and Lower Costs

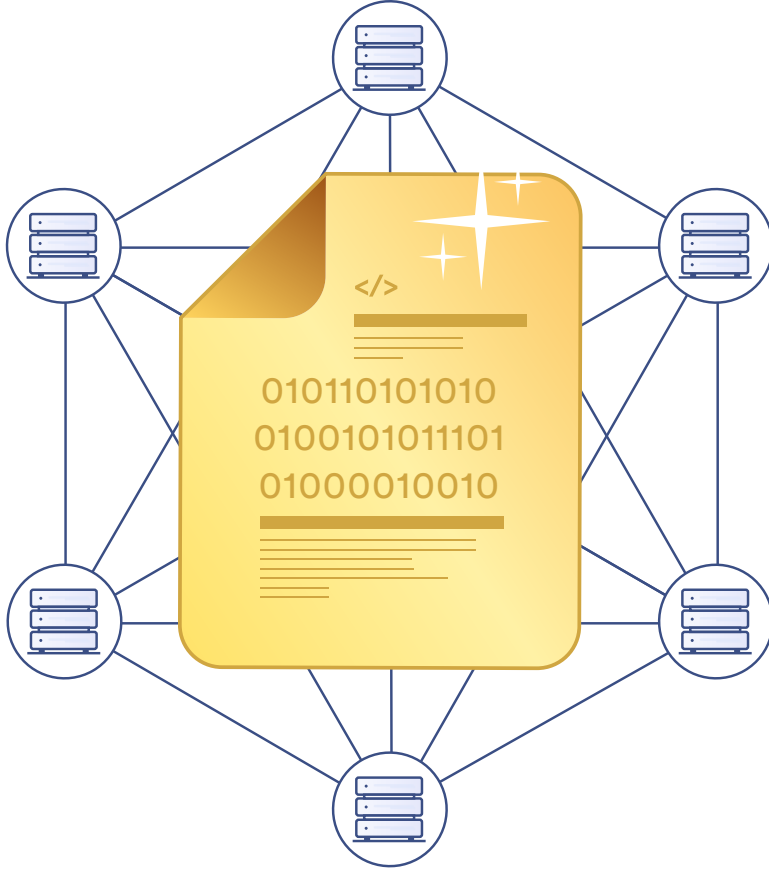
Solar Panel IoT Data



Premium Payments



Solar Panel Insurance Smart Contract

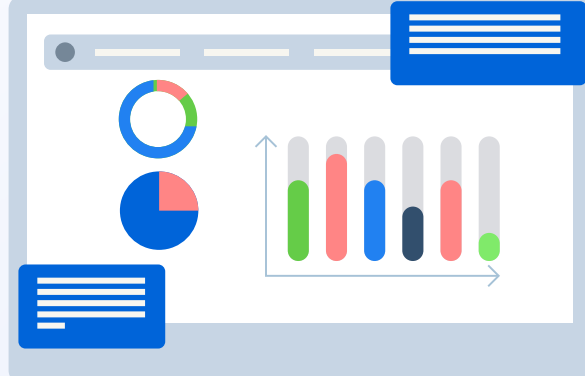
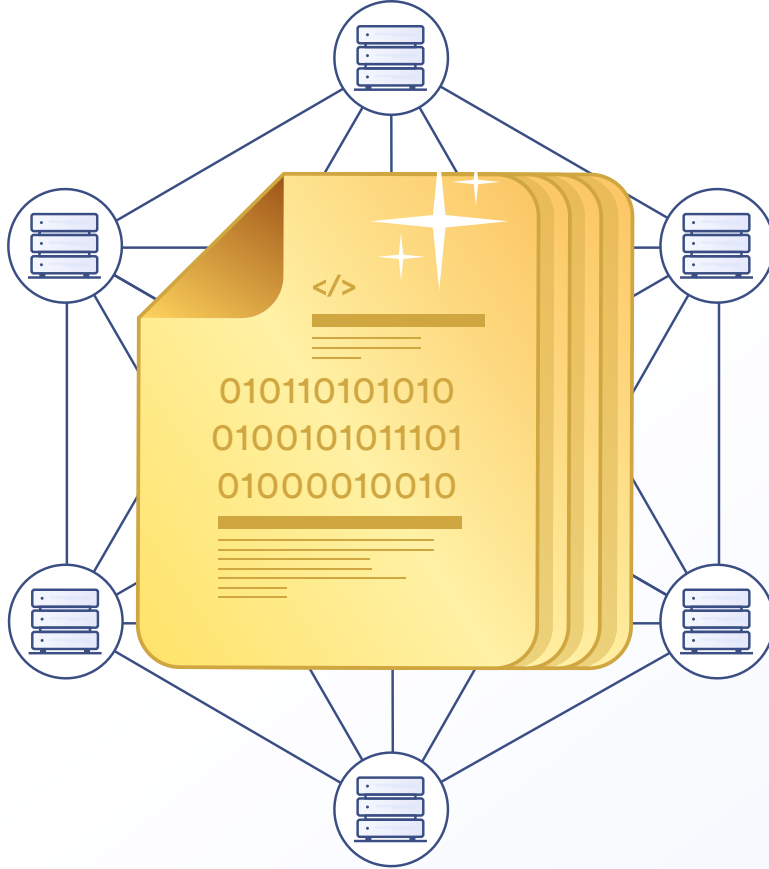


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Energy Price Markets

Asset Backed Security



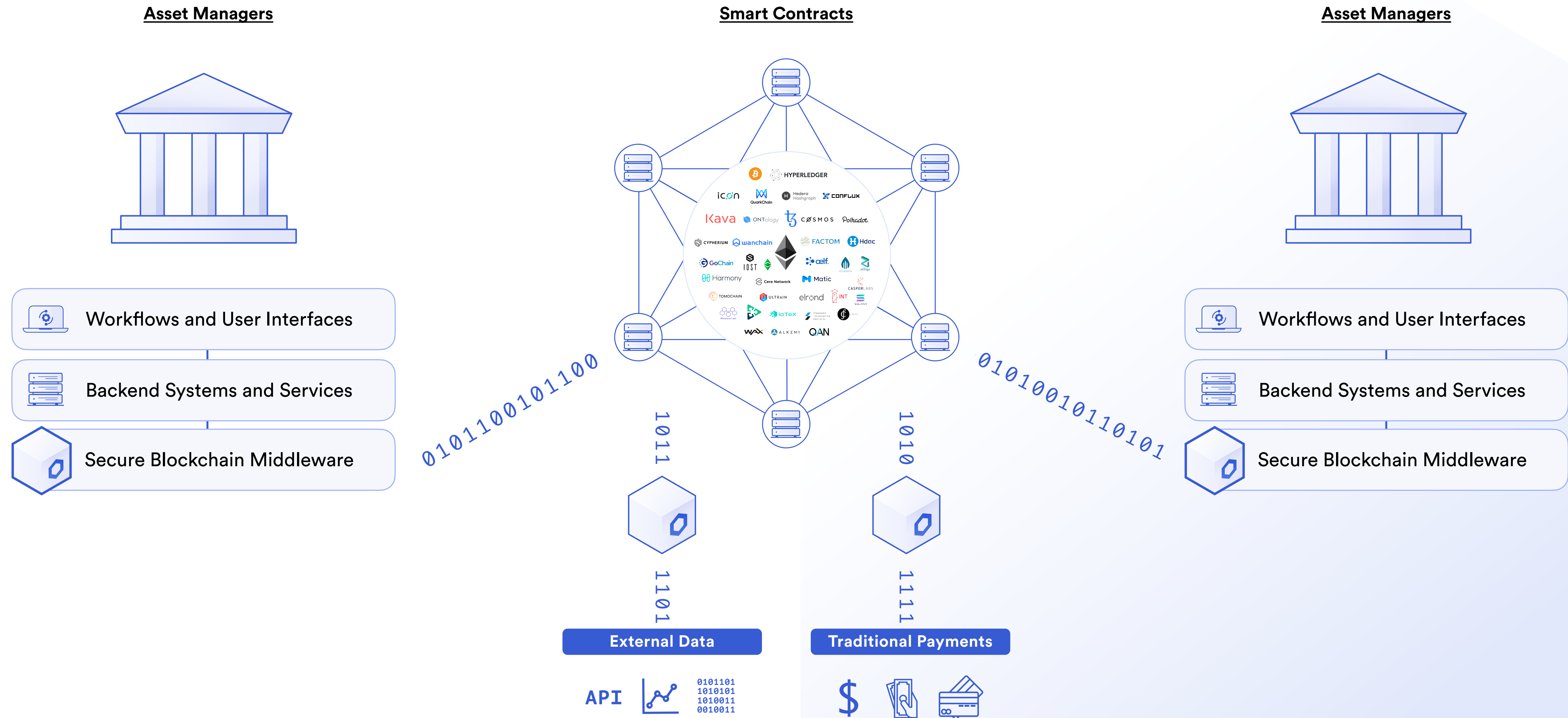
Credit Risk Scores

Asset Managers





# Peer to Peer Transactions Across Asset Managers



# Thank You

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