



Banks Think About This...







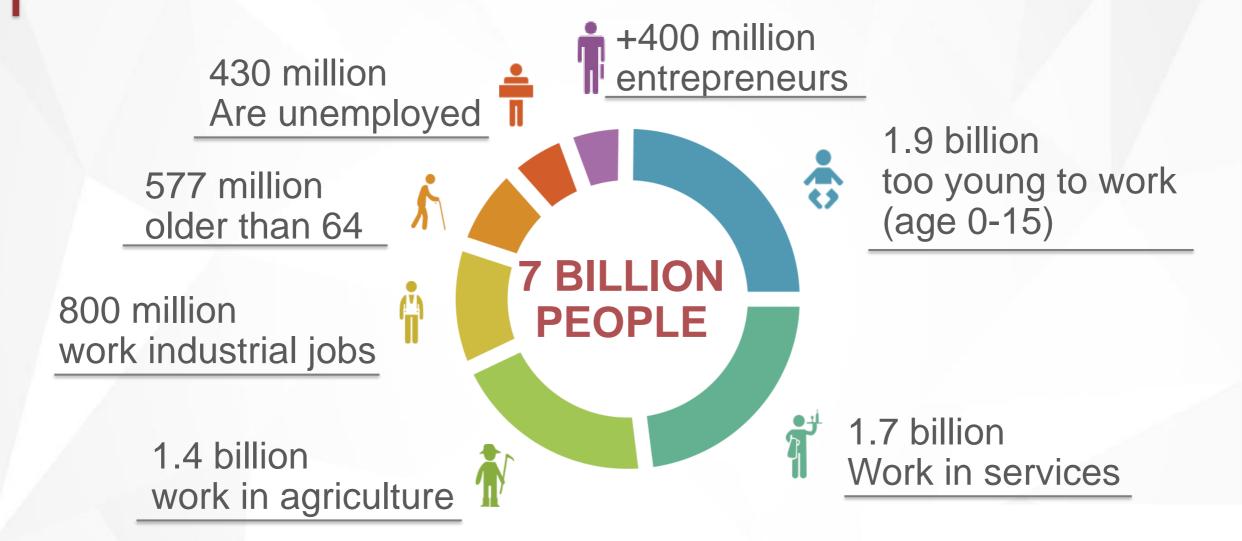
VIP Clients

Unhappy Clients

Digital Clients



FinTech is About This...

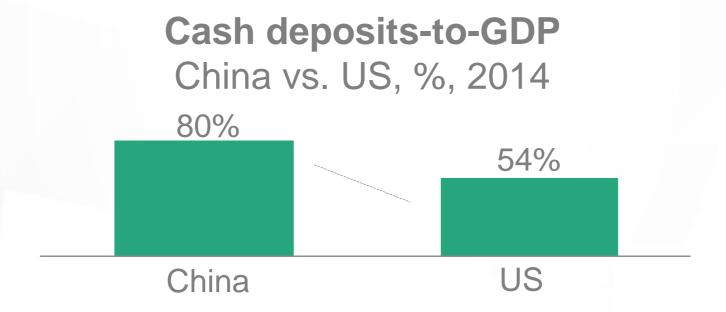




Structural Imbalances - Funds

Deposit vs. investment Too much deposit

- Deposit levels high due to cultural attitudes and few investment options
- New products pushing money into investments but still emerging



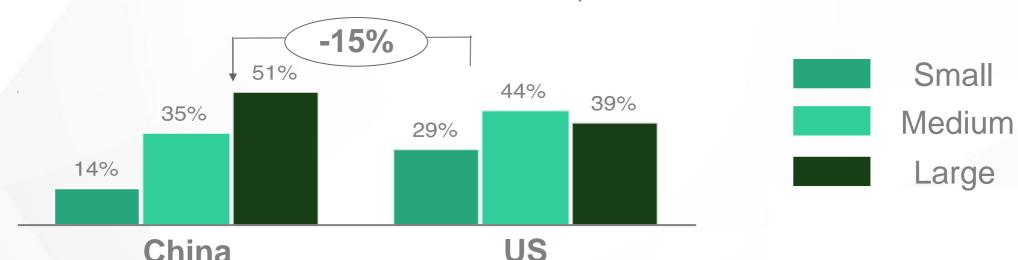


Structural Imbalances – Asset (MSE Example)

Large vs. Small enterprise (MSE) - Too little support for MSEs

- MSEs are 90%+ of total Chinese firms ...
- ... represent 80% of total Chinese employment ...
- 60% of total GDP and 50% of total tax revenues

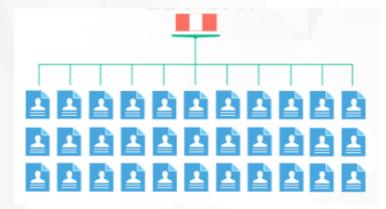
% of companies w/ bank line of credit China vs. US, 2014

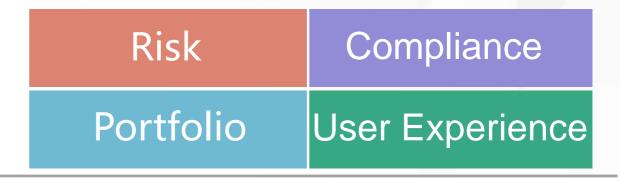




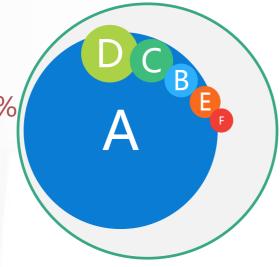
Online Market Place

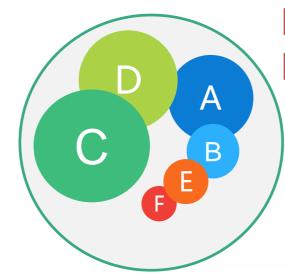
Tech Driven One-Stop Solution





Low Risk
Low Return
Expected APR 7%





High Risk High Return

Expected APR 9%

| 81% | 2% | 7% | 8% | 1% | 1% |
|-----|----|-----|-----|----|----|
| 20% | 6% | 39% | 32% | 1% | 0% |















Online Loan Business – Consumer Finance











Online Loan Business – Big Data

"90% of the data in the world today has been created in the last two years alone"

IBM Marketing Cloud



Traditional Method: Simple Logic from Strong **Deterministic Features**

Without using heuristic features from new data, a simple system's performance is severely limited

Strong Deterministic Features From Traditional Data

Untapped Heuristic Features From New Data

- Industry Data
- Travel Records
- Internet DataE-Commerce
- Legal RecordsPhone Records
- Credit Data
- Social Networks

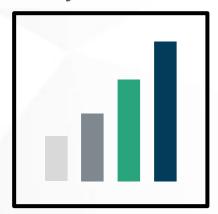
Suboptimal prediction precision Massive volume of unused data • Manual model updates at large intervals

A Smart Solution to Unstructured Data

90% of all data is unstructured: incomplete, noisy, and inconsistent

STRUCTURED

easy to search



VOLUME

The huge amount and growth of unstructured data can overtake traditional risk solutions

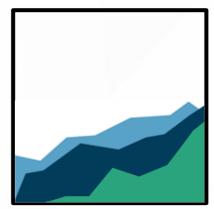
UNSTRUCTURED

Stored in organized databases, Email, video, text, conversations, clicks, website actions, social networks, professional networks



VARIETY

Traditional risk management can't handle with the changeable nature of big data



VELOCITY

Data is generated at an ongoing flow, making it harder to manage



Online Loan Business – Data Infra



Data Collection and Processing



Risk Control and Predictive Modeling



Risk and Price Setting

Data Gatherer

Collect, clean, and structure data

Zeppelin

Unstructured data to relational tables

Fraud Detection

First cut to weed out criminals

Rule Engine

Al engine identifies most important data points

Knowledge Graph

Search graph network for warning flags

Credit Scorecard

Al scorecard makes highprecision risk assessments

Risk-Based Pricing

Pricing mechanism adaptable for wide range of products



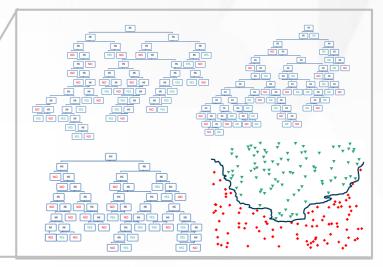
Al-Powered Rule Engine Assesses Risk

Decision trees built from n-dimensional features improve precision, automatically updating and improving themselves

Input Data

n-dimensional preprocessed borrower data

Rule Engine
Stored as decision trees
300+ rules
1,000+ customizable
parameters



Al extracts rules and policies from data to provide insight on how precise predictions are made

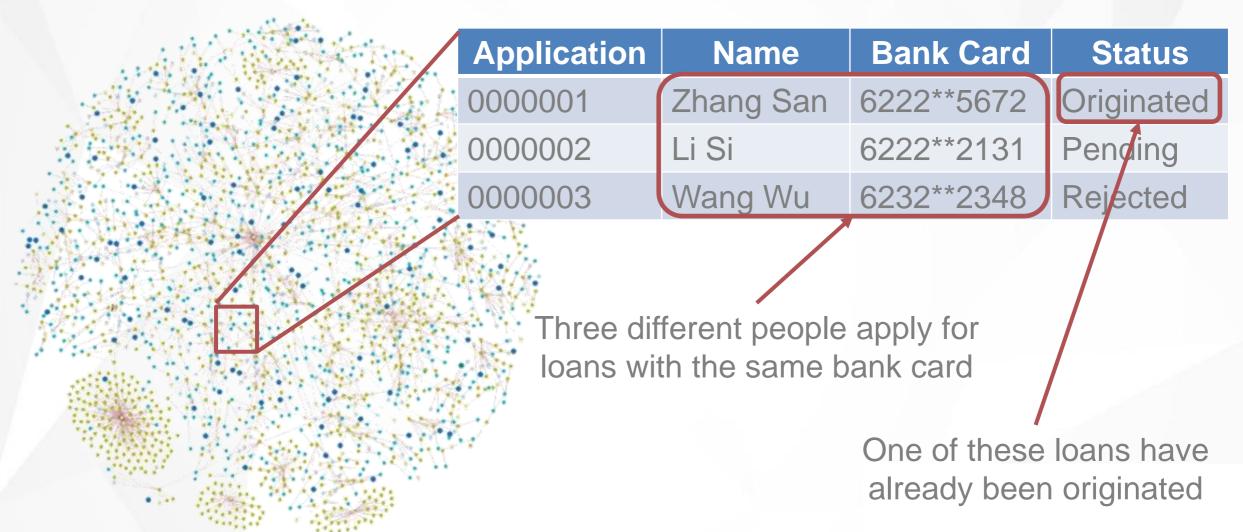
Output Results

Risk assessment results



Knowledge Graph Searches for Warning Flags

Graphically store borrower information and scan for questionable patterns





Next: Deep Learning Enables Pattern and Feature Discovery at Speed

Deep learning applied to automatic feature extraction from raw data and pattern identification in networks





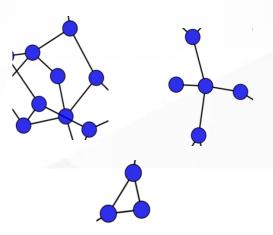


Manual Feature Engineering





Smart feature extraction identifies the most important elements from raw data





Online Loan Business - Supply Chain Financing





The story starts from here

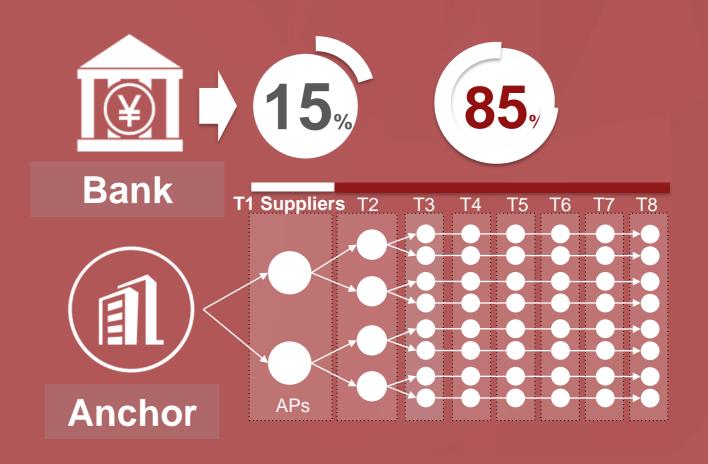
Medium size enterprise

2,000 Employees
40 million SME's in China that need working capital continuously



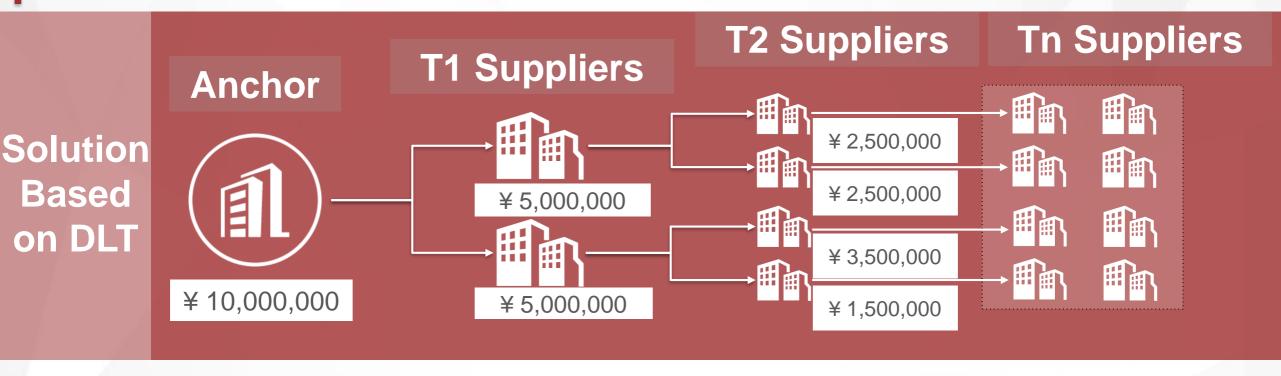
The Problem in Supply Chains

- Only tier one suppliers are well funded
- MSB are not well funded





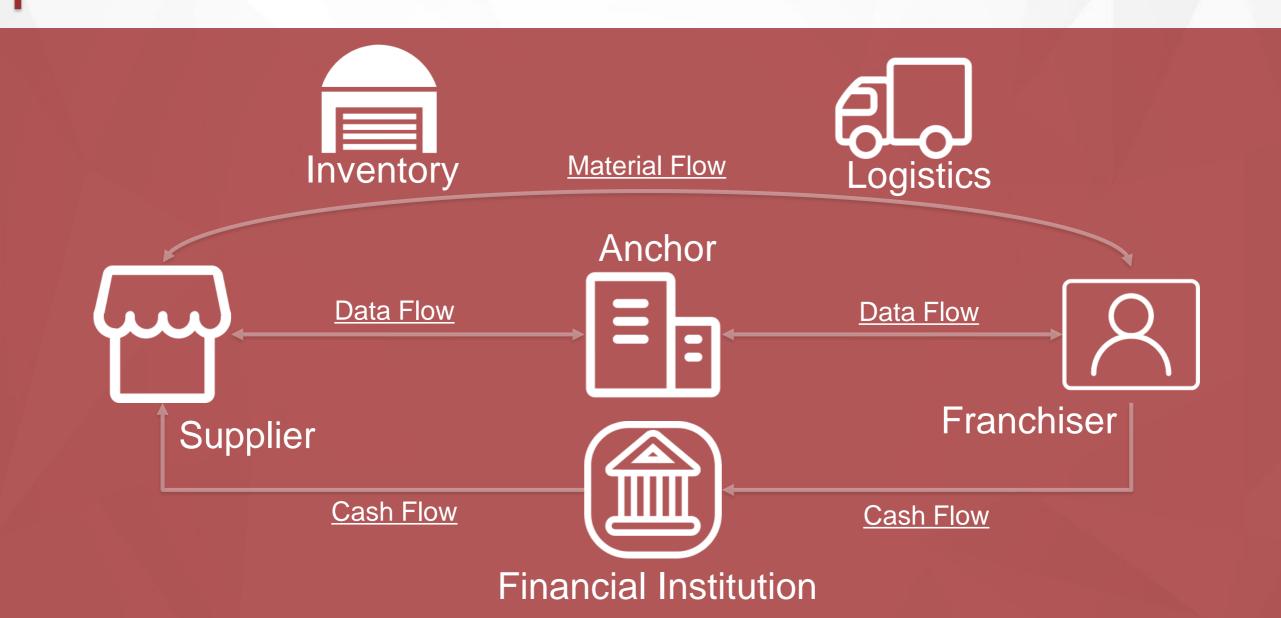
Our Solution Based on DLT - Trusted AP



- A supplier can hold, pass down or financing anytime when he receives a tokenized AP.
- Trust AP is a blockchain based digital document that allows us to pass it around safely between different suppliers without the risk of being altered or faked.
- Trust AP will be registered with the local authorities every time it is tokenized.



The DLT Ecosystem for Supply Chain Financing

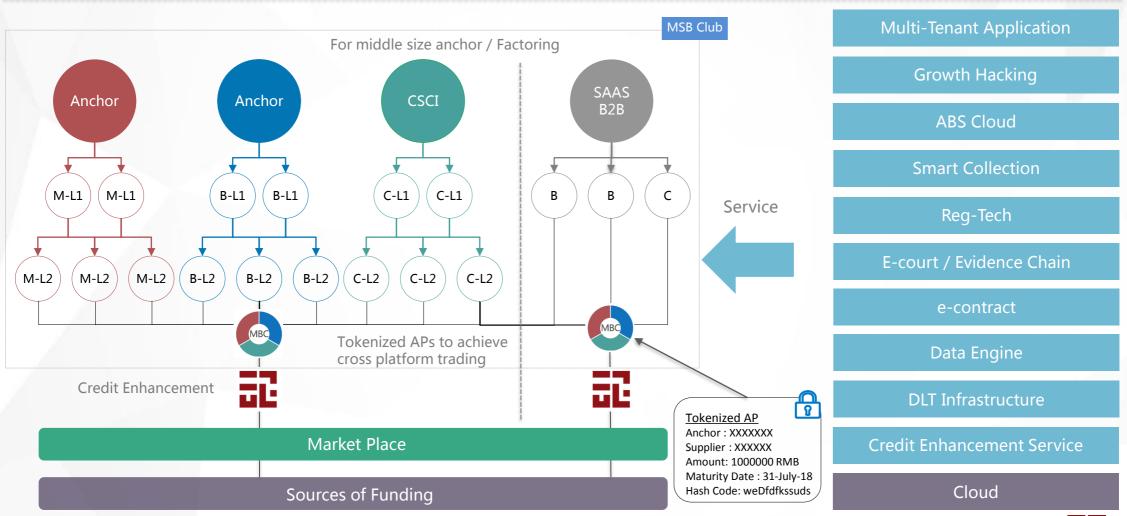


FinTech Strategy in CSCI – MSB Financing

Vertical: MSB Asset Trading Market Place [Horizontal: Whole

Industries + Vertical : Industry]

Horizontal: FinTech Cloud









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