



Thought
Machine

Introduction to
Vault Core



What can Vault Core do for me?



Single platform

All products on a single core banking platform: retail, SME, business lending and more.



Speed to market

Vault Marketplace includes a pre-built library of market-ready banking products, which is constantly growing.

Why choose Vault Core?

01

You stay in control

With Vault Core, you have full control to do anything, from launching innovative products to sustainably maintaining legacy products. Our market-ready Product Library is fully transparent – you can use these off-the-shelf, or modify them, or start from scratch.

02

Unlimited product differentiation

With Vault Core, you can create any financial product. Its Universal Product Engine enables high levels of configurability, with every product managed entirely using smart contracts. At the same time, you have no reliance on Thought Machine for changes.

03

Cloud native

Vault Core was built from scratch as cloud native technology and is completely cloud agnostic. You benefit in full from all the advantages of a cloud native approach: security, scalability, cost reduction and high availability.

What is Vault Core?

Thought Machine's mission is to create technology that can run the world's banks according to the best designs and software practices of the modern age.

Our product – Vault Core – has revolutionised core banking through cloud native technology, making it possible to create any type of financial product or configuration.

Vault Core is a single platform for all your financial products. We provide an ever-growing library of market-ready products to accelerate your time to market, while also making the platform highly configurable.

Full product configuration is possible through our unique use of smart contracts, used to implement the full range of banking products, from mortgages to current accounts.

Vault Core provides access to real-time data, making it possible for you to react in real time, leading to better visibility and insights into customer behaviour and needs.

With Vault Core, you can accelerate your time to market, reduce your costs and differentiate your product offering versus your competitors.

How is Vault Core different?



Product flexibility

Build and support any banking product, from complex legacy products to new innovative products that can be rapidly iterated to meet customers' ever-changing needs.



Low cost

Vault Core is low cost both to operate and to change, enabling a bank to achieve a low cost-to-income ratio compared to peers.



Cloud

Cloud native and agnostic to support any deployment type by a bank, on any cloud provider.



Real-time

Vault Core is API-enabled and real time, enabling it to be seamlessly integrated within a wider ecosystem.



Performance

Vault Core offers the highest level of performance, reliability and operational resilience.



Single platform

Vault Core can run any type and size of bank on a single platform.

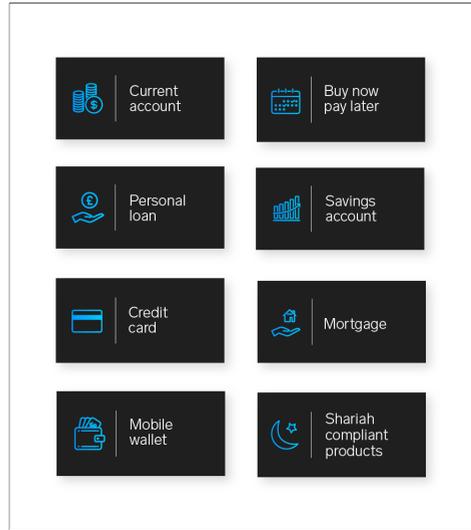
Smart contracts

Smart contracts are at the heart of how Vault brings financial products to life

Vault Core provides you with unique flexibility and control in the design and build of new banking products through smart contracts, providing full access to financial product logic.

There are multiple benefits from our 'open box' approach:

- No reliance on any third party for product maintenance or change
- Unlimited ability to create new products or modify existing ones
- Unlimited ability to change as the regulatory landscape changes



With smart contracts, there's no limit to the product differentiation you can bring to market.

What makes smart contracts different?

01

Single platform

Any product, on-demand, quickly. All smart contracts together – no product-specific systems or siloing between different systems.

02

Open box

You have full access to the underlying product logic and the ability to make changes – meaning no reliance on any third party.

03

Full control

Stay in control of your product lifecycle. Smart contract transparency means you can create, modify, test and deploy – faster than ever before.

04

Unlimited flexibility

Achieve true product differentiation through the extensive flexibility and parameterisation possible.

Vault Marketplace

Vault Marketplace is Thought Machine's extensive library of easy-to-deploy solutions, built in house and built by partners

The Vault Marketplace of libraries includes the Product Library, Integration Library and Acceleration Library.

With the Product Library, we can help you go rapidly to market by offering a global library of configurable, ready-to-ship retail and corporate financial products. The Integration Library includes proven integrations with vendors, while the Acceleration Library helps to streamline and simplify how a bank uses Vault Core.

We are constantly adding to the Product Library, with country-specific variants, including a Shariah banking range, being introduced as our international engagements grow.

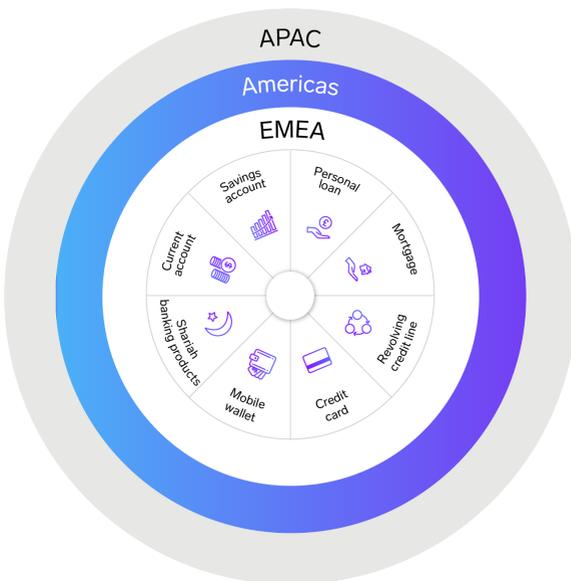
Going forward you can continually benefit from our global engagements.

All our products are fully documented. In addition, during the sales process we can demonstrate any product you wish to see, and show you how quick and easy it is to configure any product.

To further streamline the adoption of new products in your bank, we also provide testing and simulation tools.

Going forward, you can take these product templates and we can help you tailor them to your specific needs.

Together, we can help you create and innovate your product offerings.



Deploying Vault Core

At Thought Machine, we have specialist tools and support to expertly deliver a full spectrum of deployments from digital greenfield to coexistence and complex migrations in the timelines that meet a bank's ambitions.

Banks have the tools to successfully deploy Vault Core on their own or can rely on a highly specialised Thought Machine team and a large trained network of delivery partners. The tailored support we provide means we have no failed deliveries.

01

Digital greenfield

New technology stack, new customer propositions and new customers.

02

Coexistence

Integrations into the existing technology stack, new customer propositions and new and existing customers.

03

Migration

Migration of back book of existing customers.

Clients can choose the support option that best suits their needs



Self-service

- Extensive SDK and documentation are provided to clients to enable them to deploy Vault Core
- Clients can train and certify their staff using our training portal to enable them to rapidly up-skill and support configuration and deployment



Thought Machine experts

- Our expert services teams work alongside clients or partners, transferring skills and knowledge, providing configuration, architecture and migration expertise and ensuring successful deployment
- We can either empower clients to become self-sufficient and take full ownership of future product expansion, or provide long-term support services



Delivery partners

- Extensive network of delivery partners who can guide the bank on every step of the journey – whether that's specific technical support, such as building integrations with third parties, or management of large scale change
- All our delivery partners have provided Thought Machine certified teams and have experience deploying Vault Core across the world



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For more information email:
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