

RED HAT FORUM 2018 ZÜRICH



MOVE FAST:

WIE EINE SCHWEIZER PRIVATBANK MIT API
MANAGEMENT ENTWICKLUNGSZEIT VERKÜRZT

DOMINIK LIEBMANN

WALTER BIRCHER

PRINCIPAL CONSULTANT **IPT AG**

HEAD OF APPLICATION INTEGRATION

BANK VONTOBEL AG



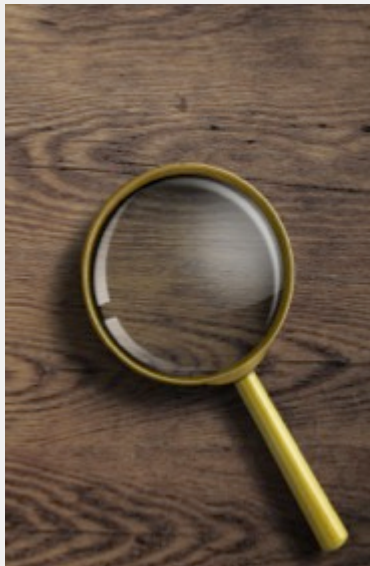
Vontobel

Storyline

1. Bank Vontobel (WB)
2. Motivation / Goal (DL)
3. Approach (DL / WB)
4. Key Takeaways (WB)
5. Q&A (all)

Vontobel in brief

Global investment advisor with a long tradition and a strong capital base



Vontobel specialises in ***asset management*** for private clients and institutional investors as well as in ***investment banking***.

Founded in 1924

90 years of entrepreneurial ***independence***

Still ***family-run*** via majority shareholding

Listed on the SIX Swiss Exchange since 1986

Head office in ***Zurich, 20 locations worldwide***

About ***1,700 employees***

Moody's rating Aa3 (long-term deposit rating Bank Vontobel AG)

Three divisions: Wealth Management, Asset Management, Investment Banking

Vontobel strategy

Our strategy is based on four pillars



Specialized in wealth and asset management

With wealth management, asset management, and financial products, we specialize in core competences where we can achieve the greatest impact for our clients and have a competitive advantage.



Client driven

We are a client-led organization that strives to provide the highest quality offering, delivering it with a unique Vontobel client experience.

Vontobel strategy - continued



Dedicated to growth and innovation

We follow a growth strategy. We invest in our people and in innovation to foster growth in Switzerland and internationally. We harness technology to improve the quality of our services.

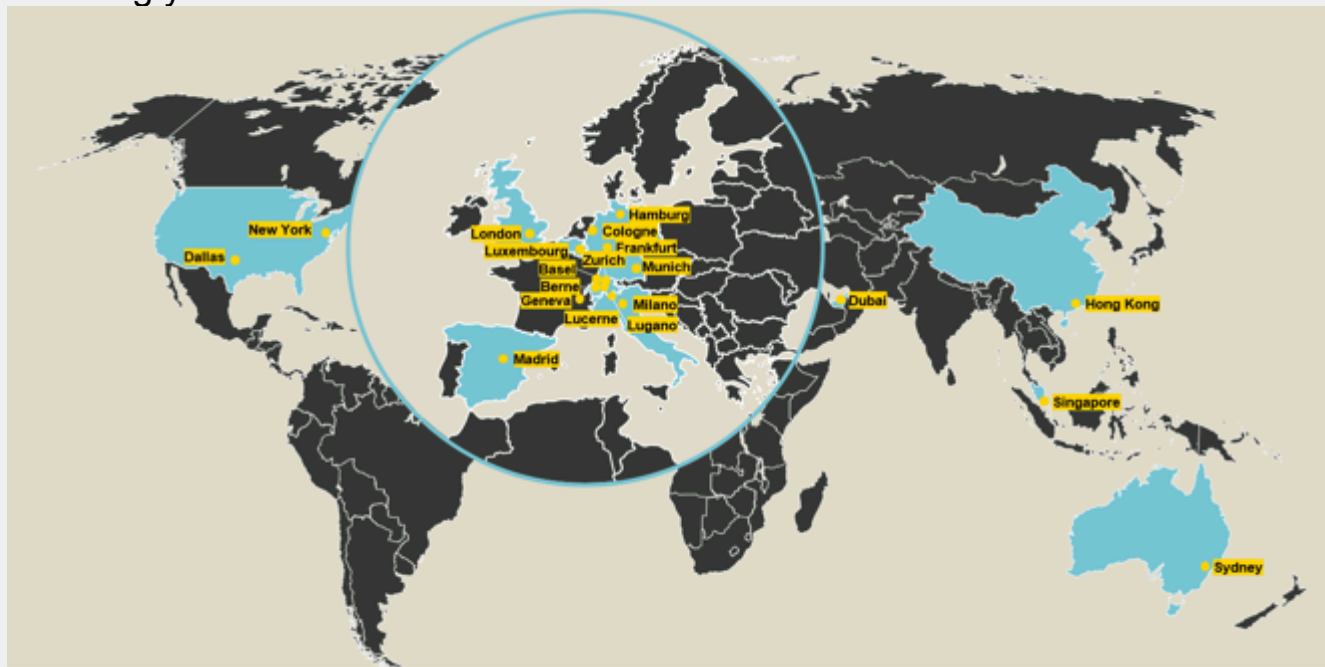


Long-term oriented

We think and act long-term. We operate a diversified and balanced portfolio in terms of geographies, businesses models and clients, providing our shareholders with attractive returns.

Where to find us

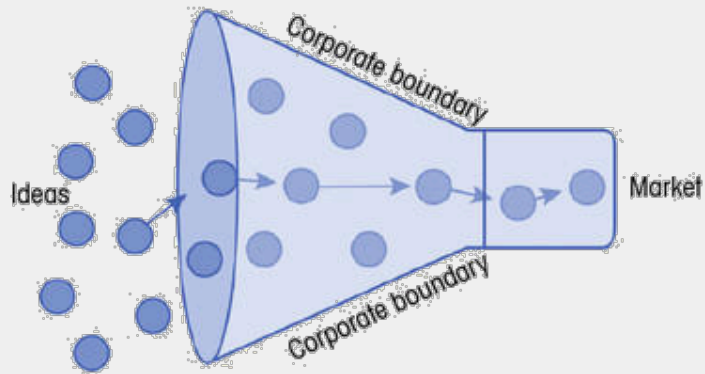
Serving you at 20 locations worldwide



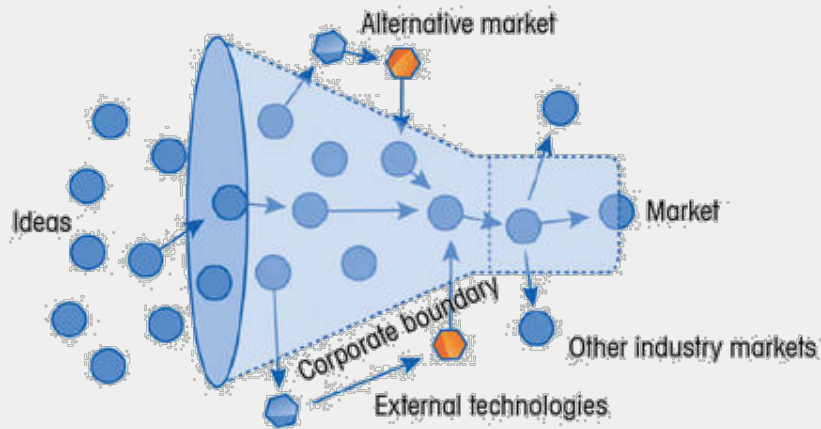
Motivation

Innovation Processes

Closed Innovation model



Open Innovation model



Innovation

nine of ten Start ups fail

Reason no. 1: there's no market (42%)

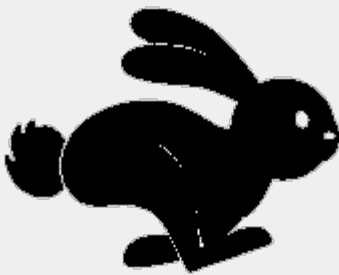
50% closes within five years

How to find right market or product?

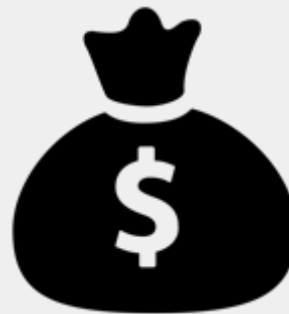
Critical Factors



Risks



Time



Costs

Overcoming the Obstacles



APIs



Self Service



Standardisation

approach

Two Phase Approach

Phase 1:

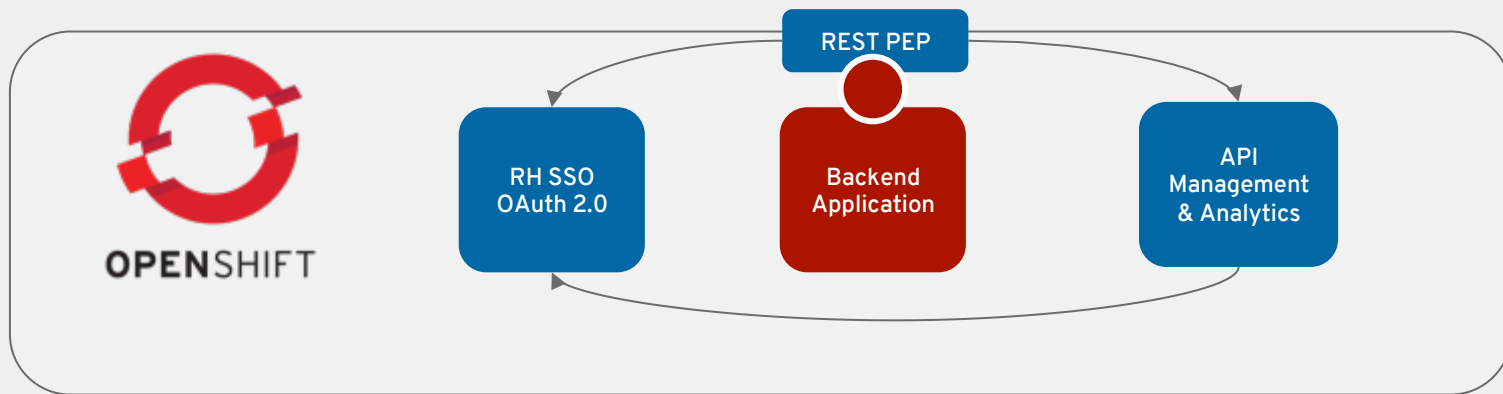
Minimal Viable System (MVS) (Pilot over 2 Months) case (2 months)

→ Make it run

Phase 2: Build Infrastructure

→ Make it right

Architecture



Solution

API Management



Container Platform

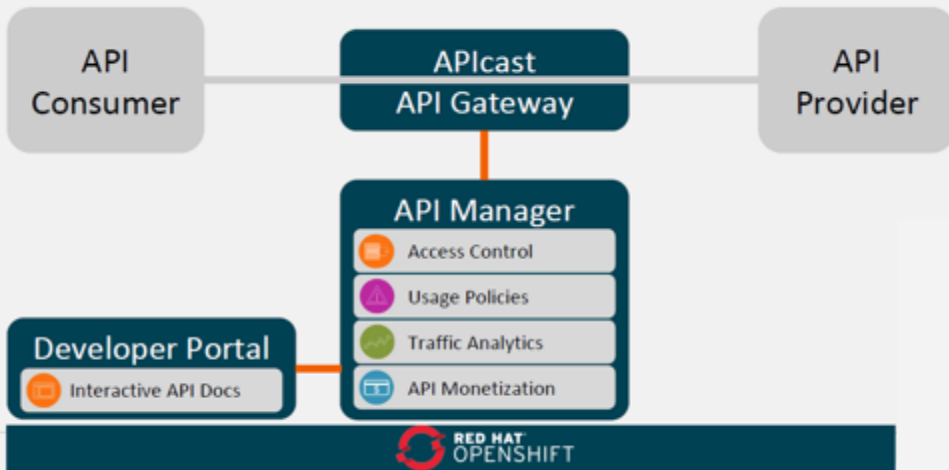


Identity Broker



3Scale Architecture

- Distributable and scalable API GW
- Centralized API Mgmt and Dev Portal
- Shared API Gateway
- Provides authentication / authorization
- OAuth as standard token based security

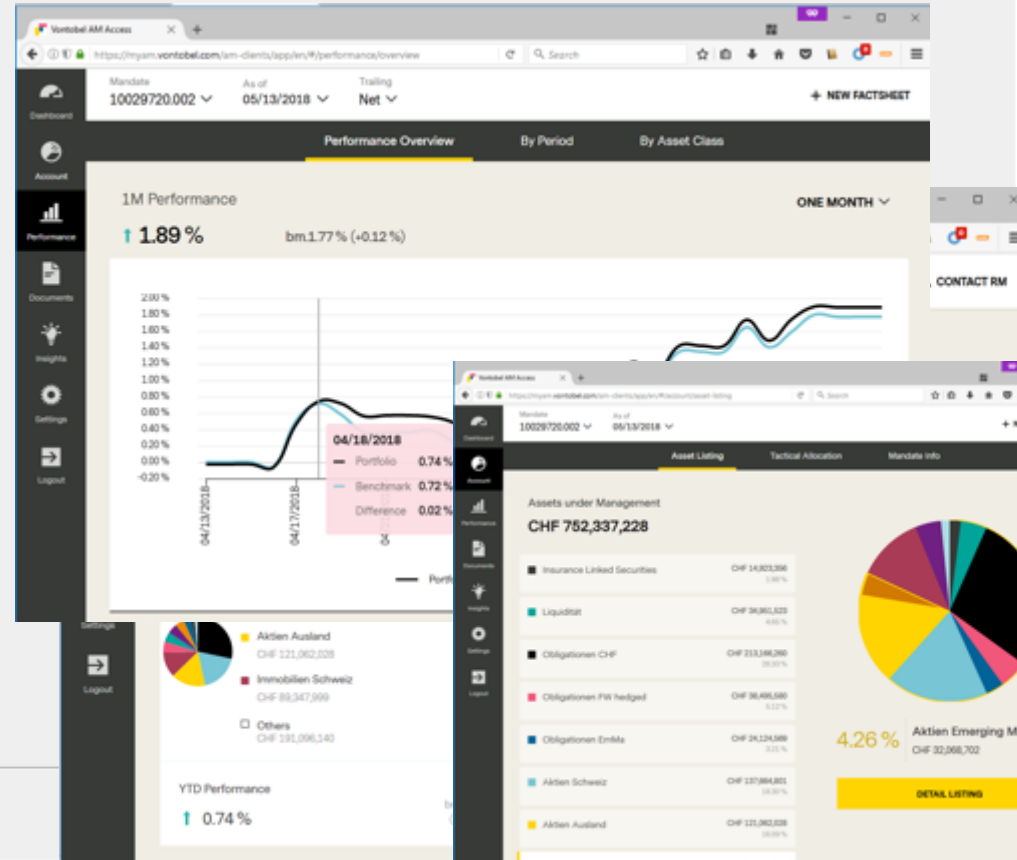


Red Hat Single Sign On

- Simple and lightweight Identity Broker
- Easy integration of SAML and OAuth based IdPs
- Provides single point of entry for OAuth based SSO

Success Story: AM Client App

- Asset management on mobile device
- Tracking of client onboarding state
- Two months from start to go-live



Summary



Risks



APIs

- APIs are Building Blocks



Time



Self Service

- Developer Portal



Costs



Standardization

- No tailor-made solution
- Authentication/Authorization

key takeaways

Key takeaways

- Standardize (Start with standard case)
- Step by step (Infrastructure and Application)
- Team Setup (People and Know How, intern and extern)
- Keep it simple (MVS, internal Dev. Portal)
- Developer Centric