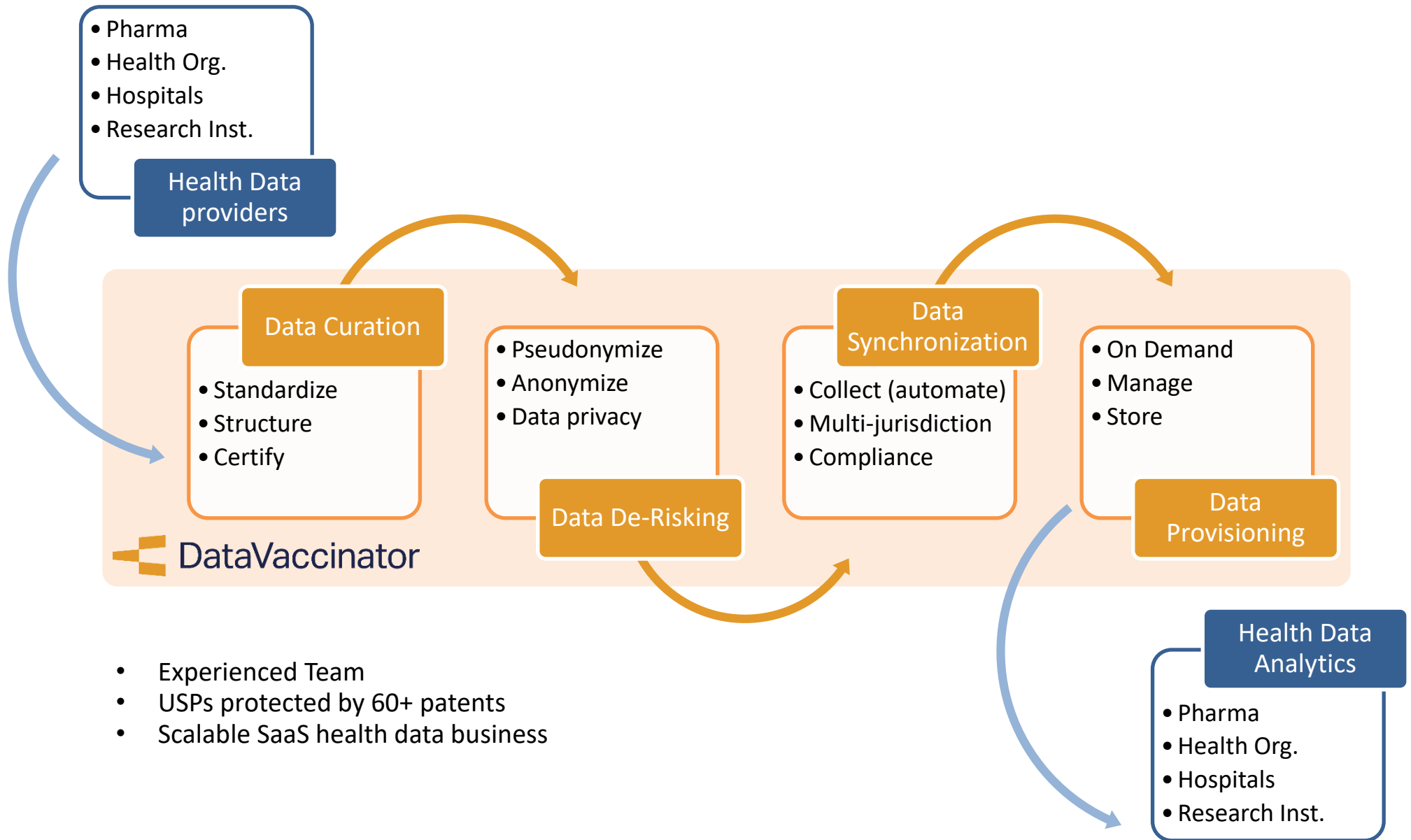




DataVaccinator



DataVaccinator – Powering Health Data Ecosystems



DataVaccinator Founders



**Co-founded and run by experienced cybersecurity entrepreneurs, 20+ years in cybersecurity.
Innovative Software with USPs (60+ patents).**

- [Kurt Kammerer](#) (CEO)
 - Software Entrepreneur, WEF Tech Pioneer 2000 + 2001
 - Ebay licensed his dynamic pricing software, pioneered decentralized tech
 - Broad sector expertise: healthcare, finance, industry, high tech
 - Developed software businesses in EU, UK, USA, China, ASEAN
- [Volker Schmid](#) (CTO)
 - Software Architect, Technical Lead and Tech Innovator
 - SaaS and cryptography expertise
 - Decentralized technologies (databases)
 - 60+ patents for secure data ecosystems (owned by DataVaccinator)





Tech is important but exceptional value can only be created where tech meets deep experience. The DataVaccinator Board is comprised of senior healthcare experts with deep business background.

- [Dr. Amit Rana](#)

- Physician Executive and contributor to international healthcare and innovation institutes (Harvard, MIT, Columbia, Berkeley Haas).
- Strategic global collaborations and partnerships with large MNC's, governments, start ups and health systems.



- [Dr. Francesco De Meo](#)

- With 18 years at Fresenius Group, Francesco was the longest standing C-Level Executive at a DAX company.
- Built leading hospital group Helios, €10bn in revenues, €1bn in EBIT (2020).



- [Dr. Michael Bitzer](#)

- Physician Executive, C-Level Executive in UAE and Saudi Arabia for 20 years.
- Built DAMAN National Health Insurance (#1 in UAE) as its CEO.



Future of Health and Care Delivery is human centric



- Human centric approach has shown better outcomes and satisfaction.
- To deliver human centric care and health-wellness, data quality, data collaboration and data access on demand are required.

Health Data Ecosystems will expand: value based care, accountable care, care settings (health meets the patient in their settings), advanced tech based care like robotics, IoT etc.

This will be feeding the mega trend of consumerization and retailization of healthcare, with on demand health data analytics as a key enabler.



Risks of Managing Data are on the Rise



Data-driven Economy

The commercial value of data is on the rise (and so are associated risks) as organizations become more and more data-driven

Data Theft

Stealing data from a victim with the intent of compromising privacy or obtaining confidential information

Data Hack

Breaking the security of a computing system to steal data, corrupt systems/files, commandeer the environment or disrupt activities

Data Leakage

The unauthorized transfer of classified information from a computer or data center to the outside world

Regulation

Protection of data privacy and security (GDPR..) increase commercial risks (and fines). Complex regulation in sectors and jurisdictions

Data Breach

Intentional or unintentional release of private or confidential information to an untrusted environment

BIG DATA Ecosystems

Collaborative data sharing and analytics across a community of stakeholders generates new risks for individual data owners



While regulation has been put in place ...

- GDPR
- European Data Strategy and Data Governance Act
- Regulations on the Free Flow of Non-Personal Data
- Personal Data Protection Act (e.g. PDPA in Singapore)
- ...



Adoption is lagging behind ...

- High costs for stakeholders: from software industry to data managers and owners
- Slow implementation due to lack of IT specialists
- Traditional application development
- Non-replicable „project-by-project“ approach
- Immature open source market



Clinicians need seamless, timely data at point of care

- 80% of data is unstructured (forms, notes, images)
- 80% of data important for health lies outside the clinical care - consumer data, payor data, pharmacy, wellness etc.
- Care collaboration is a data problem
- Interoperability is not equal to data copies everywhere

DataVaccinator saves money, time and improves the outcome

- Faciliates regulatory compliance
- Supports health organizations with innovation and care collaboration
- Supports monetization of structured and unstructured data
- Supports in better clinical outcome and satisfied patients
- Supports revenue cycle management by capturing, storing and giving access to unstructured data, e.g. to pharma, life sciences (on behalf of data owners)
- Contributes towards building a sustainable healthcare delivery system
- ***Leads the transformation from costly IT projects to affordable SaaS***



Today, data privacy services are at version 1.0, adoption is low:

- Costly custom development at low rate of reusability
- Inefficient, expensive projects at varying levels of quality
- Mere post-processing of vulnerable data

Tomorrow, data privacy will be ubiquitous:

- ✓ Urgency for data privacy and security everywhere
- ✓ High reusability with ease of integration and minimal footprint
- ✓ Affordability, even in the light of zillions of apps (e.g. IoT)

DataVaccinator's innovations and unique approach

- Built-in data privacy and security with SaaS options
- Automation: leveraging machine learning and AI
- Maximum reach through open source, patented USPs

Mitigate Risks with DataVaccinator Privacy



DataVaccinator enabled applications manage PID and Contents separately, in realtime and in a secure and industrialized manner.

PII/PID

Personal identifiable inf./data
(IoT: Machine identifiable data)



Contents



Data-driven Economy

Enabled with built-in pseudonymization

Data Breach

Damage control: Breach of low PSI data

Data Theft

Damage control: Theft of low PSI data

Data Hack

Damage control: Hack of low PSI data

Data Leakage

Damage of leak limited to low PSI data

Regulation

Built-in compliance to satisfy regulation

BIG DATA Ecosystems

Facilitated with industrialized pseudonymization

Enabling Data Analytics in Healthcare Ecosystems



Execution

USPs 2023

- Founders + Board -> expertise + global network
- Open Source -> scale, SaaS -> recurring business
- Methods are protected by 60+ patents for cost-effective, secure processes in data ecosystems

DATA: DE-RISKING -> COLLABORATION -> ANALYTICS

TRUST drives Growth

Data Privacy as a Service
Innovation contract with
State of Luxembourg

Professional Board with
international scope

- [Dr. Amit Rana](#)
- [Dr. Francesco de Meo](#)
- [Dr. Michael Bitzer](#)

SETUP

Senior Founders
[Kurt Kammerer](#)
[Volker Schmid](#)

HEALTH DATA ECOSYSTEMS (SaaS + Automation + AI/ML)

Increase productivity for users
with smart workflows

- Transform traditional work items into replicable SaaS
- AI/Machine Learning (ML), data process automation
- Tech USPs via patents
- Organic Growth + M&A
- Integrate small health data tech firms
- Grow in Europe and MENA
- Explore other regions

GLOBAL HEALTH DATA BUSINESS

Health Data De-Risking and Collaboration Platform
Protect, Manage, Analyze, Report
Product Portfolio (b2b)

- Grow generic capabilities (AI/ML)
- Build specific offerings (diseases, analytics..)
- Integrate 3rd party apps

Organic Growth (SaaS) + M&A

- Integrate health data tech firms

Expand patent portfolio

Grow internationally

- Asia Pacific, Europe, MENA, North America

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The global healthcare analytics market size was estimated at USD 37.15 billion in 2022 and is expected to reach over USD 121.1 billion by 2030 and poised to grow at a CAGR of 15.9% from 2022 to 2030. Source: [Precedence Research](#)

Big Data Healthcare Market
Market Size

CAGR 16.20%



Study Period 2019-2027

Base Year For Estimation 2022

CAGR 16.20 %

Fastest Growing Market Asia Pacific

Largest Market North America

Market Concentration Medium

Major Players



2021/22

2023

2024

2025 and beyond