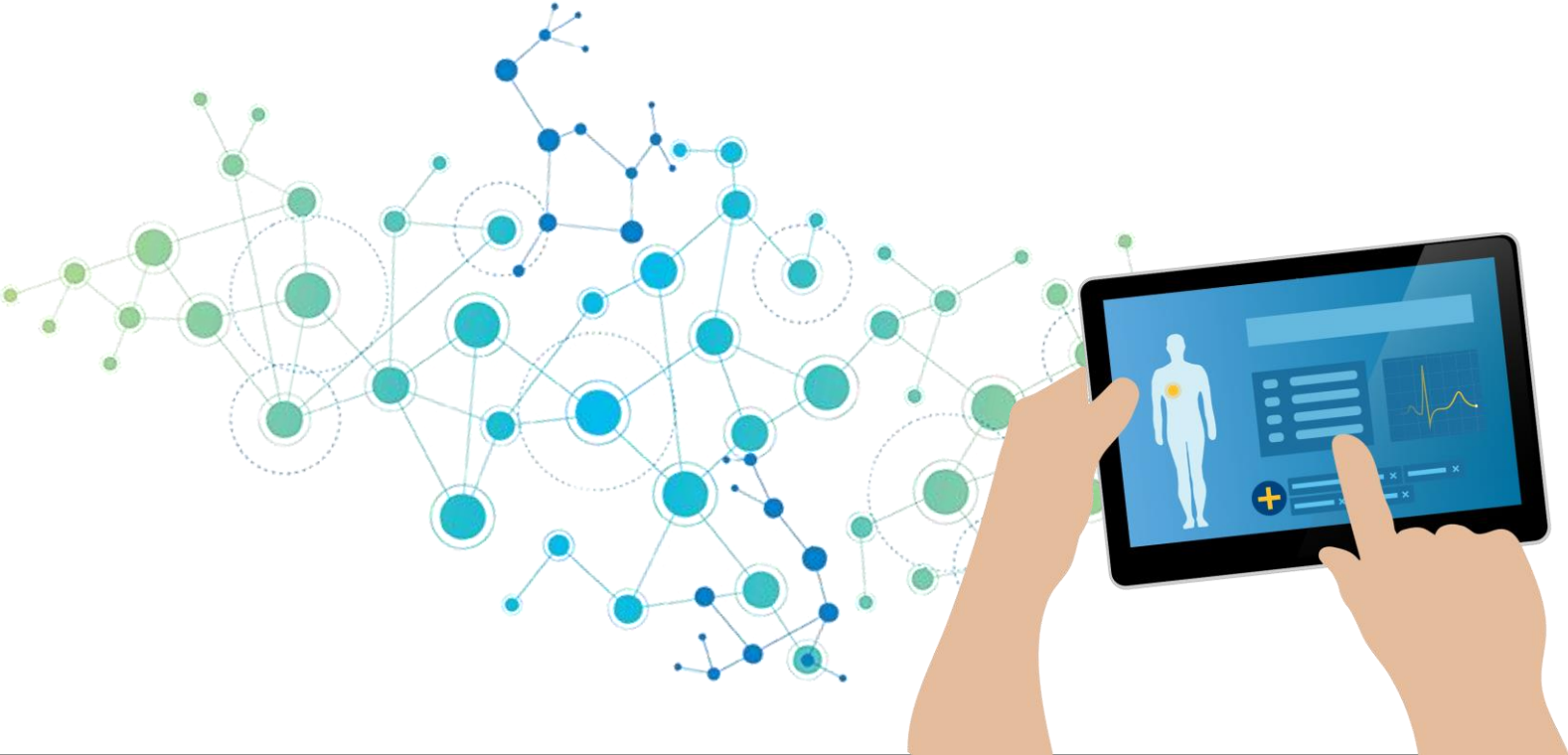
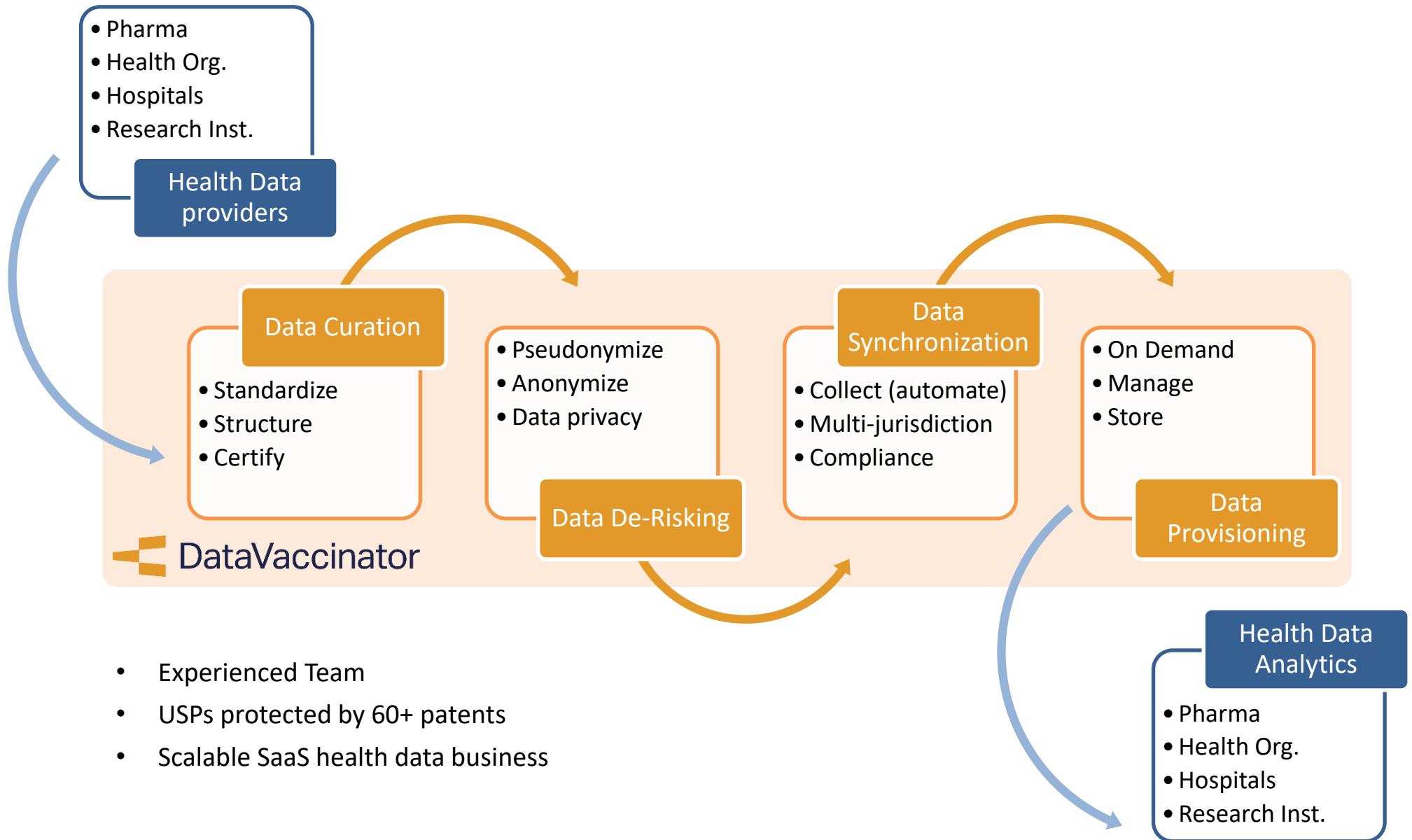




# DataVaccinator



# 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

- Facilitates 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

- 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

### 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

### 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](#)

### 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

.....  
*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