

# The Next Generation Digital Health Platform: SUMMA™



## SUMMA™ Product Brief

**Precision Digital Health (PDH) is an artificial intelligence Software-as-a-Service (SaaS) platform** company that specializes in the use of real-world data (RWD) to generate real-world evidence (RWE) in support of clinical research, drug development, and to improve health-related outcomes.

**Tackle the last mile in digital health research –** The SUMMA™ platform is an end-to-end solution that automates the integration and shaping of real-world patient data from sources such as electronic health records (EHR), claims data, disease registries, wearables, and medical devices for evidentiary purposes or as real-world evidence.

### Business Value for Life Sciences

- Layer real-world data sources to provide a comprehensive, holistic view of a disease, population and comprehensive treatments.
- Accelerate time-to-value with real-world data exploration powered by Artificial Intelligence.
- Enables improved medical decisions focusing on precise patient outcomes.
- Ability to generate virtual clinical trials and synthetic cohort arms for rapid analysis.

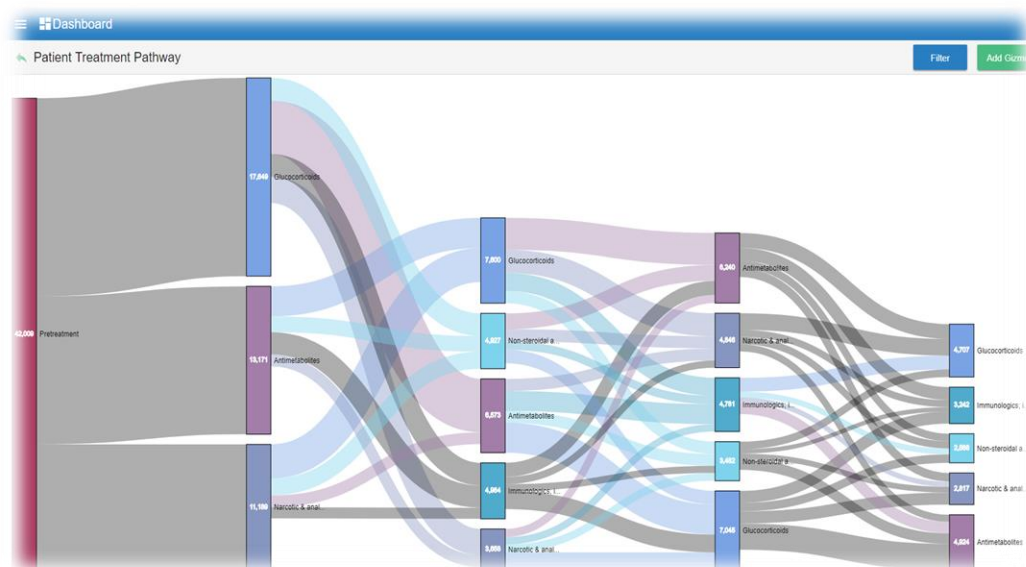
### Real-World Evidence

- Generate a timeline of events for clinical pathways from multiple linked data sources.
- Create patient digital “fingerprints” for tailored care & precision medicine.
- Profile population & patient journeys.
- Aggregated EHR, claims, medical devices, wearables, clinical trial data, biomarkers, genomics and other data sources.

### Big Data + Machine Learning for Deep Life Sciences Questions

- Operationalize machine learning with AI into clinical workflows.
- Deep insights and scientific correlation of multiple data sources cataloged.
- In-memory parallel processing engine that provide high computational capabilities.
- Data curation and interoperability with clinical data standards & commercial systems (API).

# Precision Digital Health's True Big Data Solution

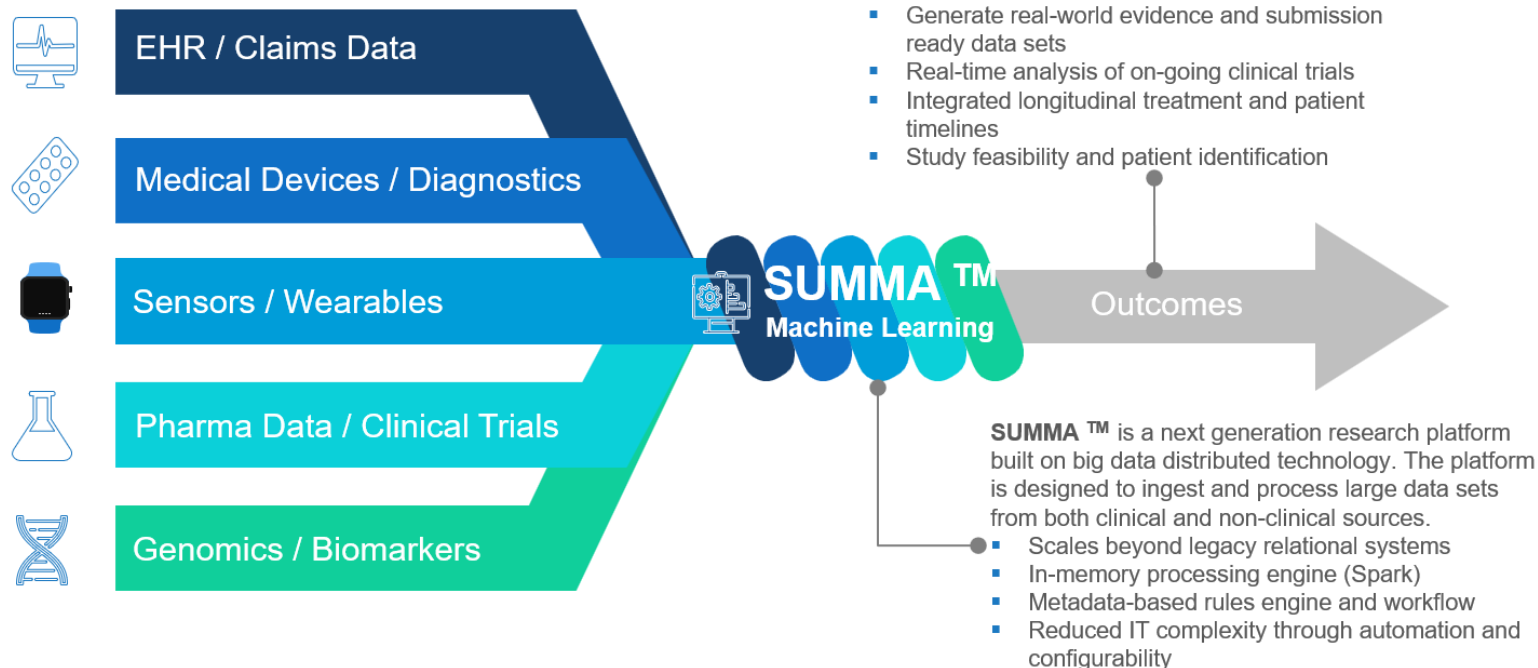


## Key Features and Benefits

### Automated improved patient insights and virtual trials

- An easy-to-use solution that provides clinical teams self-service data exploration.
- Aggregation and transformation of real-world clinical data to create a data fabric to narrate digitally a patient's journey in a given disease area.
- Paradigm shift using big data in a new way for advanced analytics, visualizations, search and profiling clinical data.
- Leverage machine learning and in-memory processing engine to surface new insights from large scale heterogeneous data sources.

Precision Digital Health introduces real-world data and device data to be used for clinical research at large scale. We remove the complexities associated with big data and advanced analytics in Life Sciences by providing an easy-to-use solution that immediately addresses key research needs out of the box to simulate clinical research.



## The Next Generation Platform: SUMMA™

www.precisiondigitalhealth.com  
(949) 391-6065