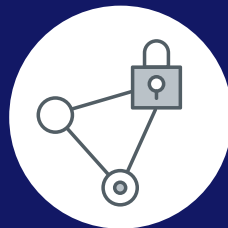
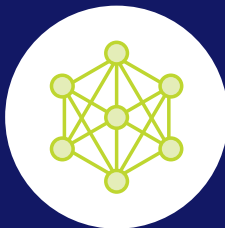


softserve

# From Digital Health to Health in a Digital World

SoftServe Human 360° Accelerators



# SoftServe Human 360° Accelerators



## Survey & Form Builder

Flexible consumer data collection via Web & Mobile.

## Wearables SDK

Body data at your fingertips.

## EMPI

Clean and integrated data via Master Data Management.

## SoftServe Lambda Architecture

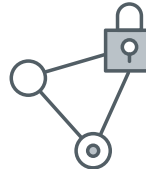
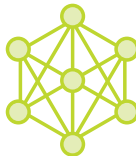
Highly scalable and reliable data processing architecture.

## SoftServe Connect

Safe way to share health information. Direct + BlueButton SDK.

## Data Mask

Cost-effective way to anonymize personal data.



# Benefits

# 1

## Boost time to Market

Save 4 months of development.

# 2

## Cost-efficient

4x less expensive than building from scratch.

# 3

## Accelerators for:

- Interoperability
- Regulatory & Compliance
- Consumer Engagement
- Big Analytics



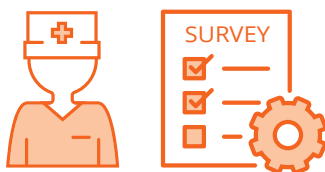
# Survey & Form Builder

## Challenge:

Healthcare organizations need to increase patient engagement with consumer provided information, but it can be difficult to manage rapidly changing information structures in a way which is more consumer and context specific, and thus meaningful for effective healthcare services.

## Solution:

Survey and Form Builder – a pluggable and configurable solution to design and manage numerous consumer facing forms and surveys. Leverage Web and Mobile technology to embed the solution into any part of your existing business processes to empower decision capabilities with consumer provided information. The most valuable asset for today's Healthcare industry.



Surveys / Forms Builder

Create and Publish Surveys



Collect Answers



Survey Answers

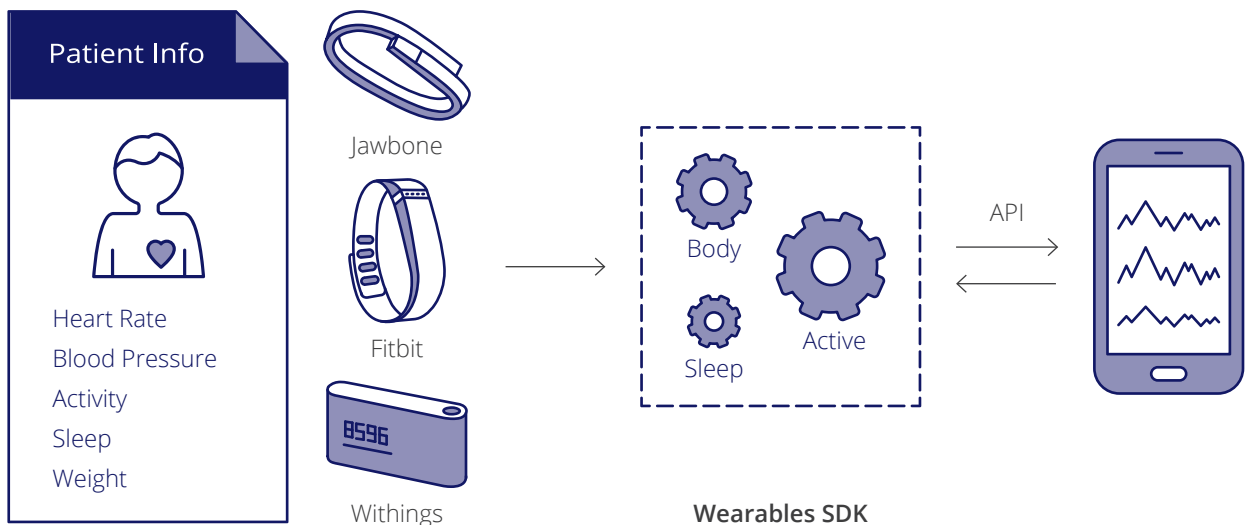
# Wearables SDK

## Challenge:

The increasing popularity of the Internet of Body Things is boosting the manufacture of devices, which track a variety of human conditions and activities. This is creating huge amounts of data, which provides significant input into the population health management process. But to connect with numerous consumer-owned body things in a fast moving industry, and in a cost effective way, is a huge challenge.

## Solution:

Wearables SDK – a unified access point to connect with a wide variety of wearables. Integrate once and connect with many.



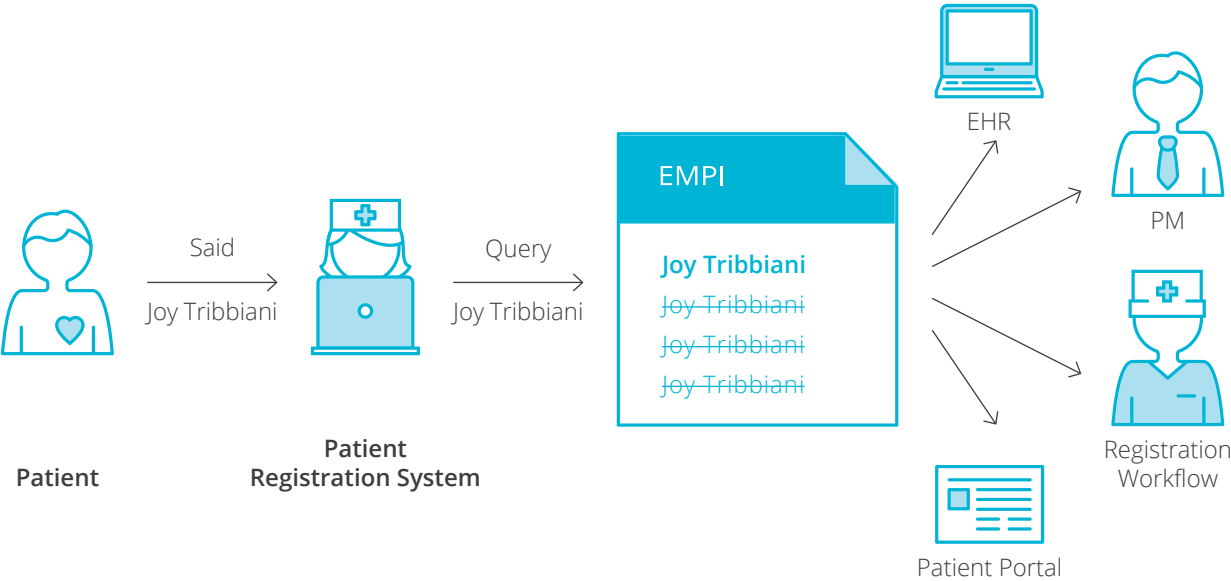
# EMPI

## Challenge:

Communication across a continuum of care is suffering from duplicated data and an inability to effectively match patient records. The Healthcare market shift from fee-for-service to quality of service and preventive healthcare, requires the conversion of heterogeneous, disconnected consumer information into related data that provides a basis for analytics and smart decisions.

## Solution:

EMPI – a Master Data Hub with intelligent person identification to support “single person view” over continuum of care. EMPI serves disparate heterogeneous systems as source and provider of unified person information and makes it possible to build long term relationships between healthcare providers and consumers as well as establish a base for intelligent analytical tools around consumer/physician behavior.



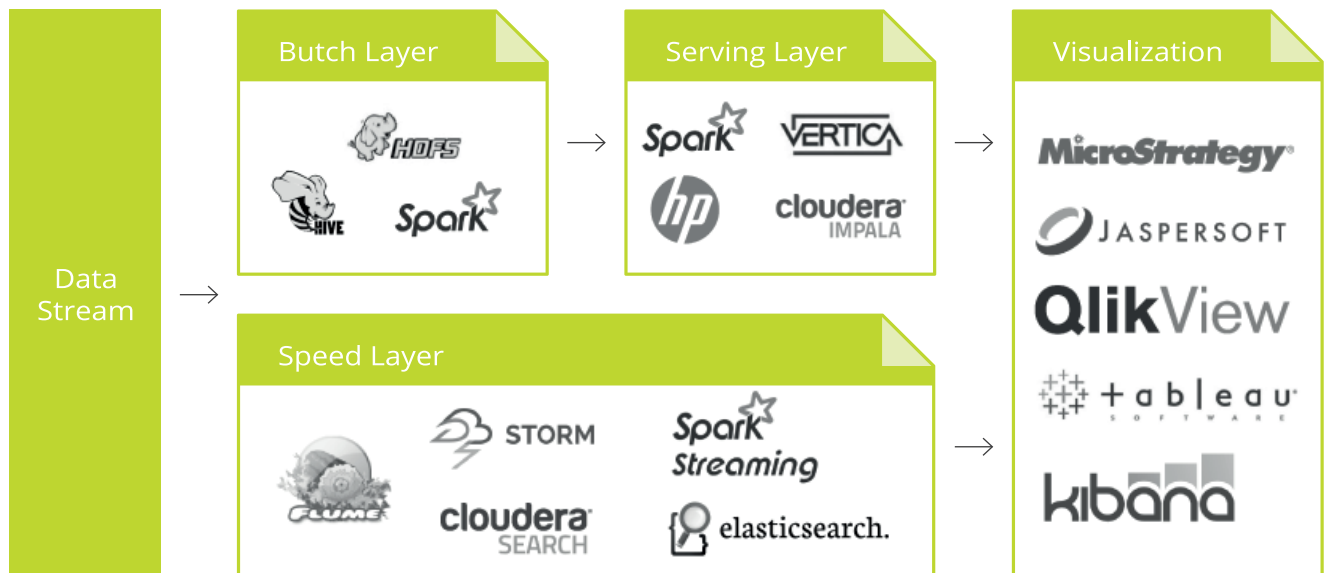
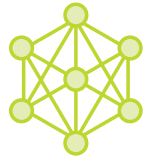
# SoftServe Lambda Architecture

## Challenge:

Data is growing exponentially with the digital universe currently doubling in size every two years. This is resulting in a demand for real-time personal experience, actionable insights in order to drive competitive advantage and a reduction in the cost of data systems - enabling high performance unstructured data analysis at a lower cost.

## Solution:

- Lambda Architecture, a highly scalable and reliable data processing architecture based on Twitter's successful experience in Big Data and Analytics.
- Supports majority of use cases: real-time analytics, data discovery, and business reports.



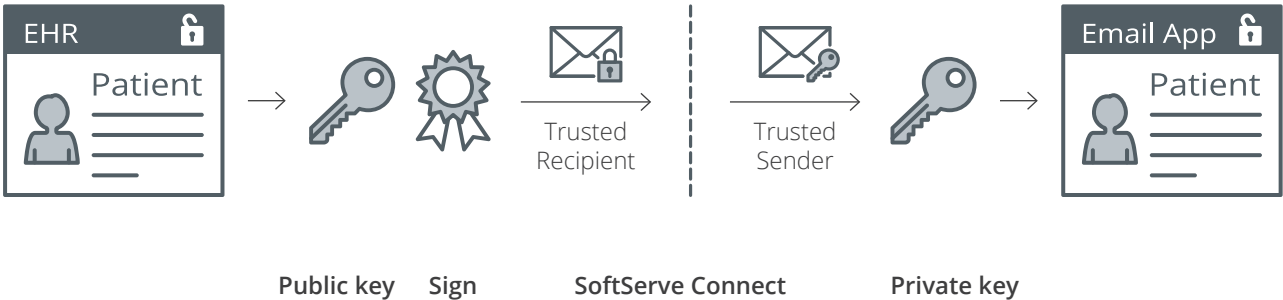
# SoftServe Connect

## Challenge:

HIPAA and other regulations require Healthcare organizations to communicate sensitive information using secured communication channels, which creates operational challenges for some organizations.

## Solution:

The SoftServe Connect Project accelerator provides a secure way to send authenticated, encrypted health information directly to known, trusted recipients over the Internet. SoftServe Connect is based on Direct Project Guides and RI and extended to a solution for integration in customer Healthcare IT environment.



# Data Mask

### Challenge:

Due to HIPAA regulations real client data can't be safely used in a development environment.

### Solution:

Anonymize client data so a real database can be safely used for development.

