Intelligent **healthcare**
Borderless **endeavors**

✳ SUJA

Technologies
that transform
organizations &
impact lives

At the
tipping point

From people to practitioners, from governments to hospitals, everyone has a stake in health. That's because health is information about an individual, a community, a country, an environment, and world itself.

Binding all these stakeholders together are a myriad of technologies that have come to govern the healthcare industry, researchers and policy makers. Today, with artificial intelligence, block chain and cloud technologies, a critical mass of data has been achieved, and hence a tipping point for the future of healthcare.

Decisive
technologies
Demonstrable
outcomes

Suja is at the forefront of the change that is driving healthcare today. We work on technologies that help stakeholders to deliver healthcare faster and better. Our solutions enable practitioners to overcome the barriers of geography and material resources, and are rooted in the realities stakeholders face in their everyday tasks.

Having always been focused on the healthcare domain, we have organically evolved our solutions that demonstrate real world benefits to everyone. Specifically, our teams constantly keep organizations on top of the bigness of data they handle every day. Some of our solutions have been patented, cited and peer reviewed by scientific journals of global repute.

An indigenous
legacy

Over the last 16 years, Suja has worked closely with organizations across the healthcare value chain – from universities, laboratories, hospitals, clinicians to pharmaceutical companies. Our growth is the result of understanding the domain, its stakeholders and the challenges they face while administering care to patients and populations.
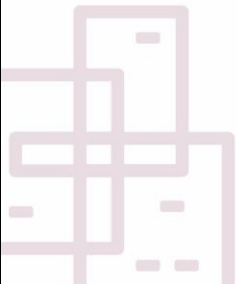
Today, Suja enables healthcare organizations to integrate stakeholders, understand data and unlock the value of knowledge through intelligent application of technologies. Our solutions on blockchain, artificial intelligence and virtual reality is helping to change the future of healthcare.

Our solutions are architected with a strong industry focus, which means our clients and their many stakeholders are enabled with right and insightful interventions. Hospitals, universities and research organizations use our solutions to unleash innovative

power of technologies, realize true value of data and empower communities towards a better and healthier future for all. We work closely with healthcare administrators, care givers, public health experts, researchers and citizens to make technologies work for health.

Having garnered an entire gamut of experience organically, we have designed and developed solutions for every thinkable aspect in the healthcare domain. Our teams also work with independent product development companies to help them achieve a robust portfolio of solutions in the healthcare space.

Measurable then, **predictable now**

At its very core, health is expressed and understood using data. While it was always measurable, today the amount of data has vastly expanded, creating challenges like legacy rigidity and interoperability issues. Often, the overwhelming nature of the data makes organizations and policy makers to compromise on the quality of decisions and treatment.

Suja's solutions work on top of the data by exploiting the relational power of disparately spread datasets and enabling stakeholders with the power to control health and predict outcomes. Our solutions are innovative in the sense they work in extremely low resource settings, overcome interoperability issues without having to re-engineer existing systems.

Capabilities
for possibilities

The spread of our solutions embrace every stakeholder in the healthcare value chain to transform myriad services into distinct experiences. Right from the instance of a medical record through till diagnosis, dosage and drugs, Suja's solutions help to streamline and integrate people and processes without bottlenecks.

Dramatic service improvement with
MiQlave

Our solution on patient mediated extension, MiQlave, dramatically simplifies how patients access and consume healthcare services from across providers – be they hospitals, doctors, diagnostics or payers. Being a mobile application that is always-on and plugged into every stakeholder system, patients can push or pull medical records and documents to care providers of their choice.

Built on blockchain and artificial intelligence technologies, MiQlave is a breakthrough solution that empowers patients with expanded choices while sharing their health information with providers. MiQlave complies with HIPAA and FHIR standards, which means patient information, privacy, security and integrity is a certainty.

- Secured by blockchain
- AI in action
- Standardized with FHIR
- Innovated to obviate workflows

Getting inside the **image**

Our solutions have demystified some of the complex challenges faced by healthcare providers by empowering stakeholders with technologies that catalyze their geographical outreach programs and deliver positive outcomes for patients.

Suja's Triage to Discharge (T2D) solution eliminates the complex barriers associated with the traditional colposcopy procedures, which are cost exorbitant and demand highly trained clinicians. The solution uses an optically enhanced smartphone, along with a T2D application, thus ushering in a host of possibilities for the healthcare provider.

- High precision in low-resource settings
- Integration with Telemedicine
- AI mediated diagnosis with database
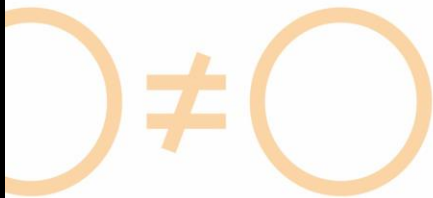- Detection and treatment in a single visit

Rooting out guesswork on **drugs dilemma**

Built on artificial intelligence tools and principles, the solution can be integrated into any EMR and works in real-time even as the doctor has finished prescribing the drug. The solution also integrates into Suja's MiQlave, and cross-references for any interactions between prescribed drugs. This helps doctors to adjust dosage that is safe and effective for the patient.

The solution's AI capabilities mine information from diagnostic reports, validate for pharmacokinetic, pharmacodynamic and pharmacogenetic effects of drugs and alerts doctors on dosage and even suggests negation on a particular choice of drug. Suja's MDDI solution is already rolled out across Europe.

- Informed drug decisions with AI
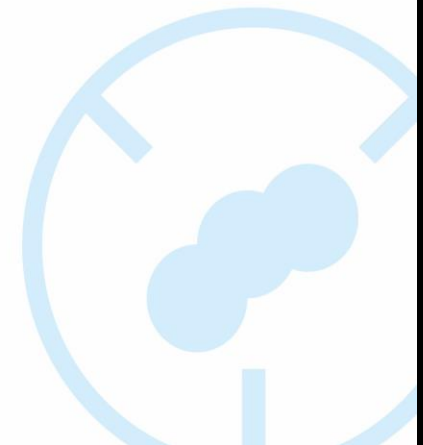- Seamless with EMR and diagnostics
- Lowers disease burden

Immersive technology for
healthcare excellence

Suja's immersive technology solution empowers healthcare providers like doctors, surgeons, nurses and other staff to come onboard equipped with every operational detail and task right from the day one. Administrators can induct training modules without losing out productive time on training and reskilling.

Modelled like an adaptive game, where every aspect of the hospital like surgical procedures, clinical therapy, nursing station, pharmacy, utilities like shift rosters, medical equipment and tools. Care givers can can explore and learn their roles and responsibilities. The gaming solution mimics the real spatial details of the workplace, which means care givers will immediately grasp the job.

- Simulated and standardized for productivity
- Induction without interruption
- Experiential learning solution
- Rate, reward and recognize

Outsmarting
OPD
bottlenecks

Suja's solution for outpatient departments simplifies the entire process of patients seeking appointments, consulting and follow up. Designed for the mobile, the app, called AirOPD, connects patients with the hospital, schedules appointments with doctors, facilitates payments and updates every stakeholder involved.

AirOPD ensures smooth queuing of patients and eliminates long waiting times, thus saving productive time for doctors and patients. The solution also seamlessly integrates into the hospital's EMR so that future visits are all mapped and tracked into case history.

Despite being a mobile application, the solution enables a host of capabilities from e-prescriptions to video conferencing to EMR generation and through till pharmacy.

- Integrated capabilities for efficient service delivery
- Telemedicine on a tap
- Smooth and seamless step into EMR

Technological embrace for **organized care**

Suja's solution for mental health enables practitioners to tide over the challenges without compromising the qualitative aspects of treatment. The solution embraces all areas of mental health practice and helps to keep the entire treatment journey organized for each patient.

By intelligently automating the workflows for each mental health vertical, it unlocks the quality time of practitioners so they can focus on the core and critical aspects of their treatment.

- Architected for mental health practitioners
- Customizable for all scenarios
- Embraces every practice area
- Journaling and questionnaires

Population health & **policy impact**

Health is the cornerstone in every population study. The geographical expanse and depth of demographical data presents a seemingly insurmountable challenges for researchers, academicians and policy makers.

Suja's capabilities and solutions in artificial intelligence, blockchain and EMR technologies cut through the challenges by rapidly integrating data and extracting insights from population studies. This enables researchers and policy makers to frame policies that have real world impact.

Our solutions help to demystify challenges that surround the healthcare delivery like disease burden, drug interactions and patient centricity.

High precision in
low resource settings

Public institutions and hospitals can leverage Suja's solutions to triage and treat patients spread across the hinterlands. Built on principles of AI, machine learning and NLP, healthcare professionals can now triangulate and diagnose diseases before onset.

Our solutions can be deployed in low resources settings without needing specialized training for the care givers. In the case of cervical cancer screening, our solution has turned a smartphone into a non-intrusive diagnostic device that can be used by unskilled manpower in the lowest of resource settings.

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Healthcare technology as a **humane experience**

Suja's solutions have demonstrated dramatic improvement in the way healthcare is administered in the remotest parts of the world. India, Philippines, Bangladesh, Uganda and Sweden are some of the countries where we have empowered healthcare professionals with technologies that have enabled people with good health and positive outcomes.

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