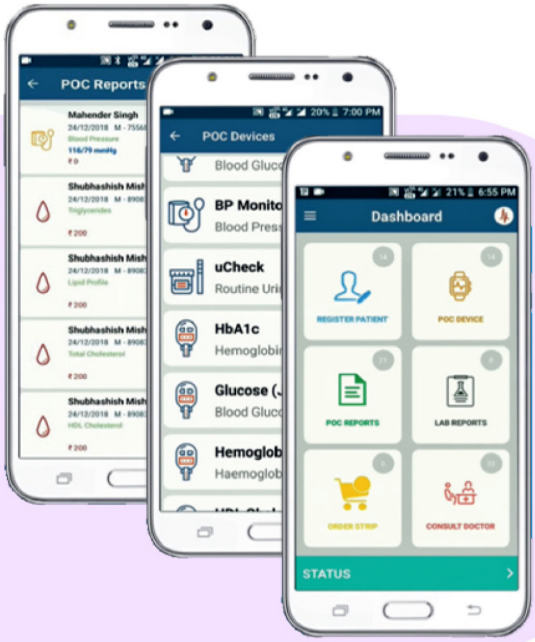
Medigraphy

Powered By MedTel HEALTHCARE

CHALLENGES

Interoperability of ***IoMT devices*** (Internet of Medical Things) is a significant barrier in creating a patient-centred & digitally-enabled health care ecosystem. Now more than **half a Billion** of medical devices are manufactured around the world. Over the next decade, as many as **50 billion** medical devices will connect through IoT with clinicians, health systems, patients, and to each other. Majority of healthcare stakeholders **DO NOT BELIEVE** that the data generated by their devices can reduce costs, improve efficiencies, and lead to better patient outcomes.



SOLUTION

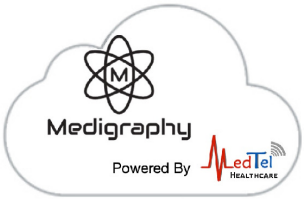
We are strengthening Interoperability of **IoMT Ecosystem** and changing patients' healthcare experience through engagement, insights & predictions. We bring compatibility of different medical devices with the IoT network, enhance the connectivity and **fasten the entire process of data transfer, analysis and retrieval.**

How It Works

Blood Pressure, Blood Sugar, ECG, Thermometer, HbA1C, Lipid Profile, Haemoglobin, Otoscopy, Fundoscopy, Urine Analyzer & SpO_2

Device Agnostic Platform
APIs to pull data from FDA/CE/CDSCO mark medical device

Mobile
Android mobile application for Home Health, Health Screening, Tele-medicine, Ambulance services and Clinical Trials



iLab
*Analytics engine with real-time data processing

Care Provider
Platform with automated abnormality detection and in-depth insights to engage patients through secure **clinical messaging

*iLab is connected to AI engine (ECG)
**Secured reporting with well documented APIs for third party platform
**Evidence based reminder for long term engagement of patients

iLab Features

- One platform for 15+ IoT - Point for Care Devices
- Customized Branding
- Integrated Payment Platform
- Personalised care & increased ROI

iLab Compatible Devices:
Blood Pressure Monitor, Glucometer, Haemometer, HbA1c Analyser, Lipid Analyser, ECG, Otoscope, Fundoscopy, SpO2, Thermometer, Stethoscope & Body Composition Analyzer etc.

- AI enabled reporting (ECG)
- Home Care & Remote Monitoring
- Patient engagement through evidence based intelligent reminders
- Actionable Insights

Competitive Edge

One Application For All
Simple, beautiful interfaces anyone can use

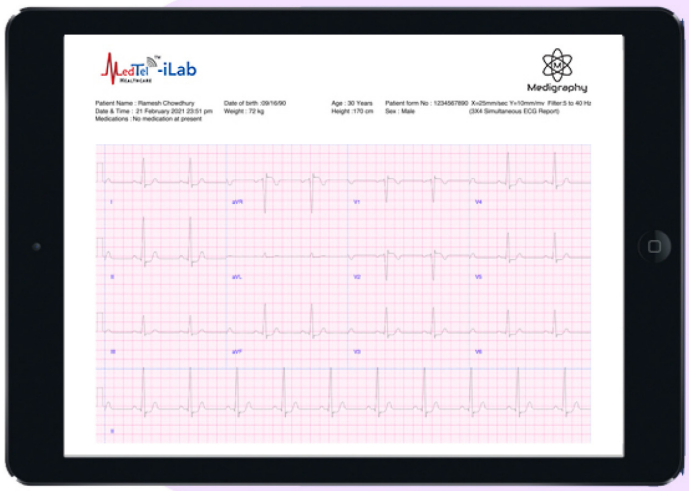
Fast Deployments
No Extra Hardware

Easy to Integrate
Easily integrates with EMRs

Secure
HIPAA compliant, fully encrypted data

Case Studies

In one of our early user, We detected inferior wall infarction through connected AI (Artificial Intelligence) engine while conducting a heart screening camp. We sent the user and hospital an alert who then consulted a cardiologist. On further investigation, the user was diagnosed with “Acute MI”, a potentially fatal condition. The user had undergone angioplasty very next day to avoid further complications.



A periodic health check-up for school children under 14 years was conducted by Paradeep Phosphate Limited (PPL) in Odisha. One hundred fifty-five students were screened for different tests like Blood Pressure, Routine urine analysis, Haemoglobin, Otoscopy, Routine dental examination and body composition analyser. We detected the abnormality in 43 students and sent alerts to take immediate action for conditions like Anaemia, Malnutrition, Ear Infections and Urinary Tract Infections.

Product Market Fit

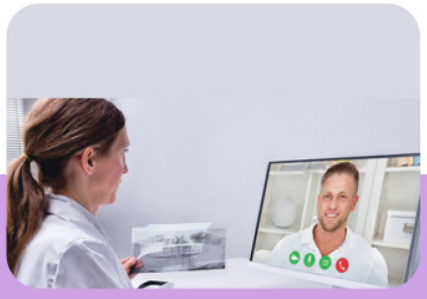
Hospitals

Clinical Trials

Doctors

Corporate

NGOs



Satellite Clinics

Connected Care & Advanced Tele Health

We believe the only way for digital health to achieve its highest potential is to bring the right health solutions together into one platform that is customisable to each disease and patients' need. By uniting care-specific solutions on our platform, we provide a powerful new technology for care providers and patients.

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Reach out to us:

+91 9321189117

contactus@upstandertechnologies.com