



#### Core healthcare issue/need being addressed

Updating electronic health records (EHRs) is often the responsibility of doctors and care providers, but very few like the burden and inconvenience of typing. This is especially true in countries where the doctor-patient ratio is poor and the average consultation time is a handful of minutes. Patients in 18 countries representing about 50% of the global population spend 5 minutes or less with their primary care physician as per a 2017 British Medical Journal survey.

EHR systems globally are also the source of real world and longitudinal patient data. However,

providers in 135 countries are still using pen and paper and are looking for a cost-effective digitisation solution that does not force behaviour change.

#### Key value add

- Continue writing: no change in behaviour or workflow
- Works offline and in any care setting
- Seamlessly capture data longitudinally and across multiple users
- Proprietary handwriting recognition algorithms speed up data transcription and medical coding

#### Impact of the solution

- 48 corporate hospitals as customers
- 4000 doctors across specialties as users
- Digitized records of 4 million unique patients

#### Regulatory/Quality Certifications

- Equipment Type Approval Certificate, Ministry of Communication and Information Technology, Government of India
- CE Certification, Radio Equipment Directive, European Union
- Equipment Authorization, Federal Communications Commission, United States

#### Video links

Doxper featured at MIT Solve, United Nations  
<https://www.youtube.com/watch?v=KqsatdJLICM&t=1s>

#### Press coverage

3rd Apr 2020: How an AI-powered pen helps health workers to digitise patient records  
<https://indiaai.in/article/how-an-ai-powered-pen-helps-health-workers-to-digitise-patient-records>

19th Feb 2020: How this startup is using pen and paper to transform India's healthcare industry  
<https://economictimes.indiatimes.com/small-biz/startups/features/how-this-startup-is-using-pen-and-paper-to-transform-indias-healthcare-industry-doxper/articleshow/74202343.cms>

18th Sep 2019: Indian Healthcare's Digital Wonder, How an Indian healthcare company digitised five million health records in four years.  
<https://www.healthcareexecutive.in/blog/digital-wonder?rq=doxper>

14th Aug 2019: Health-tech startup Doxper raises \$4 million as part of Series A  
<https://www.livemint.com/companies/start-ups/health-tech-startup-doxper-raises-4-million-as-part-of-series-a-1565752054396.html>

23rd Apr 2018: On A Mission To Digitise Global OPD Processes, Healthtech Startup Doxper Raises \$1.1 Mn Funding  
<https://inc42.com/buzz/on-mission-to-digitise-global-opd-processes-healthtech-iot-startup-doxper-raises-1-1-mn-funding/>

#### Detailed description of the solution and its components

Doxper is an AI assisted digital pen and encoded paper solution. Core workflow

- Write with Doxper digital pen on regular, coded paper.
- Handwritten strokes sync with Doxper app in real-time via Bluetooth. Option for offline storage.
- Data is processed in the cloud with AI assisted handwriting recognition
- Integrates with any EMR with intuitive APIs. Coded case sheets can be printed on-site in hospitals.

Patient engagement features include automated follow-up compliance, content sharing, SMS campaigns.

Doctors also regularly receive Excel files of their structured patient data, so that they can engage in research.

In hospitals, we connect the OPD to various service departments in real-time so that tests, medicines, admission, surgery advised etc by the doctor can be picked up before the patient walks out of the hospital. Patients proactively receive a phone call, addressing queries like appointment booking, cost of services, the need to fast etc, thereby improving overall patient experience.

#### Awards and recognition

- MIT-Solve Challenge Winner (US) [2017]
- Nasscom Emerge 50 Winner (India) [2018]
- Asia Pacific HIMSS-Elsevier Digital Healthcare Award (Australia) [2018]  
Our customer Nanavati Hospital had submitted a case study of Doxper and was shortlisted as a top 4 finalist.
- Arogya Manthan - 1st year anniversary of PM-JAY, Ayushman Bharat (India)  
Doxper was one of 5 startups recommended by NatHealth and selected to showcase its technology to key decision makers and state officials including the honourable health minister at Vigyan Bhavan, Delhi [2019]
- Cahotech 2020 - Virtual Pitchfest Awardee [2020]

#### Geographical presence

- India, present in over 50 cities
- Ivory Coast
- Nigeria
- Indonesia
- Morocco
- Bangladesh
- South Korea

## About the Organization

Name of the organization  
**InformDS Technologies Private Limited**

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