

## *Dozee Partners with British International Investment to transform public healthcare in India*

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MillionICU, an initiative by Dozee, India's first AI-based contactless Remote Patient Monitoring (RPM) & Early Warning System (EWS), has partnered with British International Investment (BII), the UK's development finance institution (DFI) and impact investor, to upgrade 6000 hospital beds in ~140 public hospitals across India and in other regions to transform the public healthcare landscape. The current public healthcare setting in India has a 1:40 nurse-to-patient ratio, which is in stark contrast to the WHO's recommended ratio of 1:4. That aside, there is an acute shortage of ICU beds which is further worsened by the meagreness of hospital staff. Today, more than 95% of the hospital beds in India are sub-optimally monitored with manual spot-checks limiting the ability for early detection of patients' deteriorating conditions. This causes an increased workload on the under-resourced healthcare system.

The goal of Dozee's partnership with BII is to improve access to healthcare across India and alleviate the workload of healthcare workers, reduce nurse burnout and fatigue in hospital wards. Dozee's pioneering contactless remote patient monitoring and Early Warning System (EWS) in India saves around 2.5 hours of nursing time per patient per day. Backed by BII's capital, Dozee will upgrade regular beds to step-down ICUs through the MillionICU initiative – established by Dozee in 2021 to install one million step-down ICU beds across India - and bring about a rapid, long-term transformation in India's public healthcare infrastructure. The MillionICU initiative has already benefited 46 such hospitals across 15+ districts with more than 10,000+ patients being monitored and having saved 25,000+ nursing hours.

*“According to the 2021 Niti Aayog report, India currently has 1.3 hospital beds per 1,000 population. There is also a shortage of skilled health workers, with 0.65 physicians per 1,000 people (the World Health Organisation standard is 1 per 1,000 people) and 1.3 nurses per 1,000 people, putting immense stress on the nation's healthcare infrastructure. The public healthcare delivery system's connected care model can help bridge this gap, supported by technological advancements such as AI-based early warning systems and contactless remote monitoring systems that have the potential to transform standard hospital beds into connected step-down ICU beds. By creating step-down ICUs in some of the low hospital density regions of the country, it is our mission to unburden the healthcare system and*

*make quality healthcare accessible to all.” said Mudit Dandwate, Dozee’s CEO and Co-founder.*

*“Improved access to affordable healthcare significantly boosts productivity and development outcomes. Our partnership with Dozee will help to scale tech-enabled healthcare solutions which will alleviate the burden on healthcare staff and increase patients’ access to quality and affordable healthcare in India. We are thrilled that BII’s patient and flexible capital combined with Dozee’s MillionICU initiative will contribute towards transforming healthcare infrastructure in India over the long-term and help improve clinical outcomes for patients in public hospitals in the country.” mentioned Manav Bansal, Managing Director and Head of India, British International Investment.*

Dozee enables healthcare workers to remotely monitor patients’ vital parameters such as heart rate, respiration rate, blood pressure, blood oxygen saturation levels, temperature, and ECG. Dozee’s Early Warning System (EWS) tracks the trends of the vital parameters and provides alerts to healthcare providers for early detection of clinical deterioration of patients enabling timely medical intervention. Research done by independent consulting firm Sattva shows that for every ~100 Dozee connected beds, it can save ~144 lives and ~80% of the time taken for vitals by nurses and reduce ICU ALOS by ~1.3 days.

## About Dozee

Dozee is India’s first AI-based contactless Remote Patient Monitoring (RPM) & Early Warning System (EWS) for continuous patient monitoring with a mission to develop & deploy intelligent technologies, solutions, and networks to provide a continuum of care, early warning systems, and responses to save lives. Supported by the Government of India through BIRAC, Dozee is on a path to steer the trajectory of the public and private healthcare ecosystem.

With the aim of providing connected health in every bed, Dozee strives to improve access and put patient care first with its vision #HarBedDozeeBed. Dozee tracks vital parameters such as the Heart Rate, Respiratory Rate, Blood Pressure, Blood Oxygen Saturation, and Skin Temperature with clinical grade accuracy and tracks sleep quality while flagging indicators of sleep apnea. By automating patient monitoring through Dozee, nearly 2.5 hours of nursing time is saved every day per patient. Dozee is a truly ‘Made in India’ innovation with global standards in patient safety, data security, privacy, and reliability - trusted by top-of-the-line healthcare providers across the country. The system is USFDA cleared, ISO 13485, ISO 27001, IEC 60601 -1-2, RoHS certified and CDSCO registered.

Dozee was founded in October 2015 by IIT grads Mudit Dandwate and Gaurav Parchani. Dozee received Intertek’s ISO 13485:2016 certification in December 2021, for its Quality Management System (QMS). This certification is a part of the quality journey with ISO/IEC 27001:2013, Information Security Management. With breakthrough clinical innovations, Dozee continues to reimagine health and create a future where healthcare is smarter and connected.

Please visit <https://www.dozee.health/> for additional information.

## About British International Investment (BII)

- British International Investment is the UK's development finance institution and impact investor
- British International Investment is a trusted investment partner to businesses in Africa, Asia and the Caribbean.
- It invests to support of the UK Government's Clean Green Initiative and to create productive, sustainable and inclusive economies in eligible countries in Africa, Asia and the Caribbean.
- British International Investment plays a key role in the UK Government's wider plans to mobilise up to £8 billion a year of public and private sector investment in international projects by 2025.
- Over the next five years, at least 30 per cent of BII's total new commitments by value will be in climate finance. This will make it one of the world's largest climate investors in Africa.
- BII is also a founding member of the [2X Challenge](#) which has raised US \$10 billion to empower women's economic development.
- The company has investments in over 1,300 businesses in emerging economies and total assets of £7.7 billion