Digital Healthcare

POWERED BY POWERED BY

Transformation Of The Healthcare Industry In India

Modern day healthcare is taking big leaps when powered by technology advances viz. robotics, prosthetics and tools powering in-depth medical research.

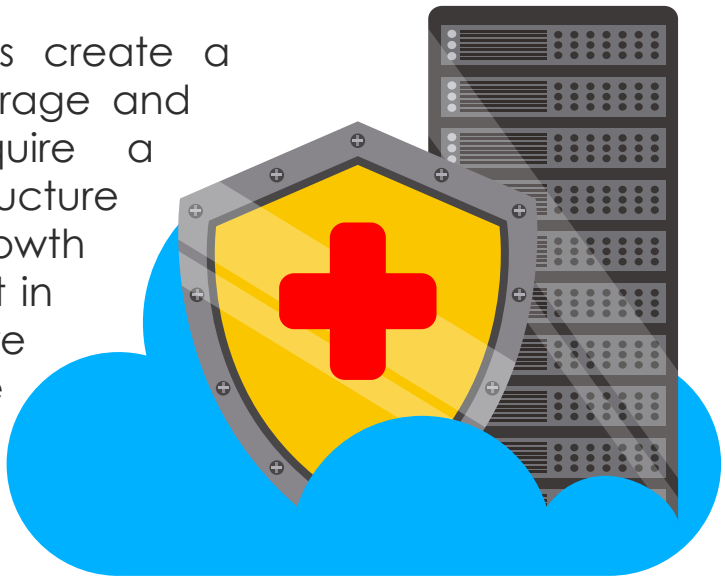
Hospitals in India are increasingly using EMR (Electronic Medical Records) as the preferred method of storing patient information. In fact, the rules of Clinical Establishments (Registration and Regulation) Act 2010, notified on May 23, 2012, mandate the "maintenance and provision of EMR or EHR (Electronic Health Record) for every patient" for the registration and continuation of every clinical establishment.

The Need For Digitization Of Healthcare in Rural India

But it is a different picture when we look at the rural areas of India. There are challenges at the diagnostic level which are in dire need of technology infusion, directly or indirectly. An updated medical history, that is not in handwritten format, comes at the least probability. The diagnosis that requires equipment like MRI scan or X-Ray, forces people wander around urban areas.

There is a lot more to be done for healthcare in rural India, especially with Union Budget 2018 announcing Ayushman Bharat Programme, a major step in the direction of universal healthcare.

Such programs and regulations create a requirement for robust data storage and processing systems that require a substantial investment in IT infrastructure and maintenance. With rapid growth in Datacenter and Cloud market in India, it is quickly becoming more cost-effective for the Healthcare industry to move to Cloud.



Current Challenges Prevailing in Healthcare Services:

Unavailability of proper diagnostic technology in remote parts of India

Unavailability of Electronic Medical Records (EMR)

Lack of awareness on how EMR helps in better treatment

Lack of proper IT infrastructure to create and manage patient data

Impact of Digitization in Healthcare Services:

Platform and institution-independent availability of data

Diagnosis and treatment tailored specifically for a patient (through EMRs)

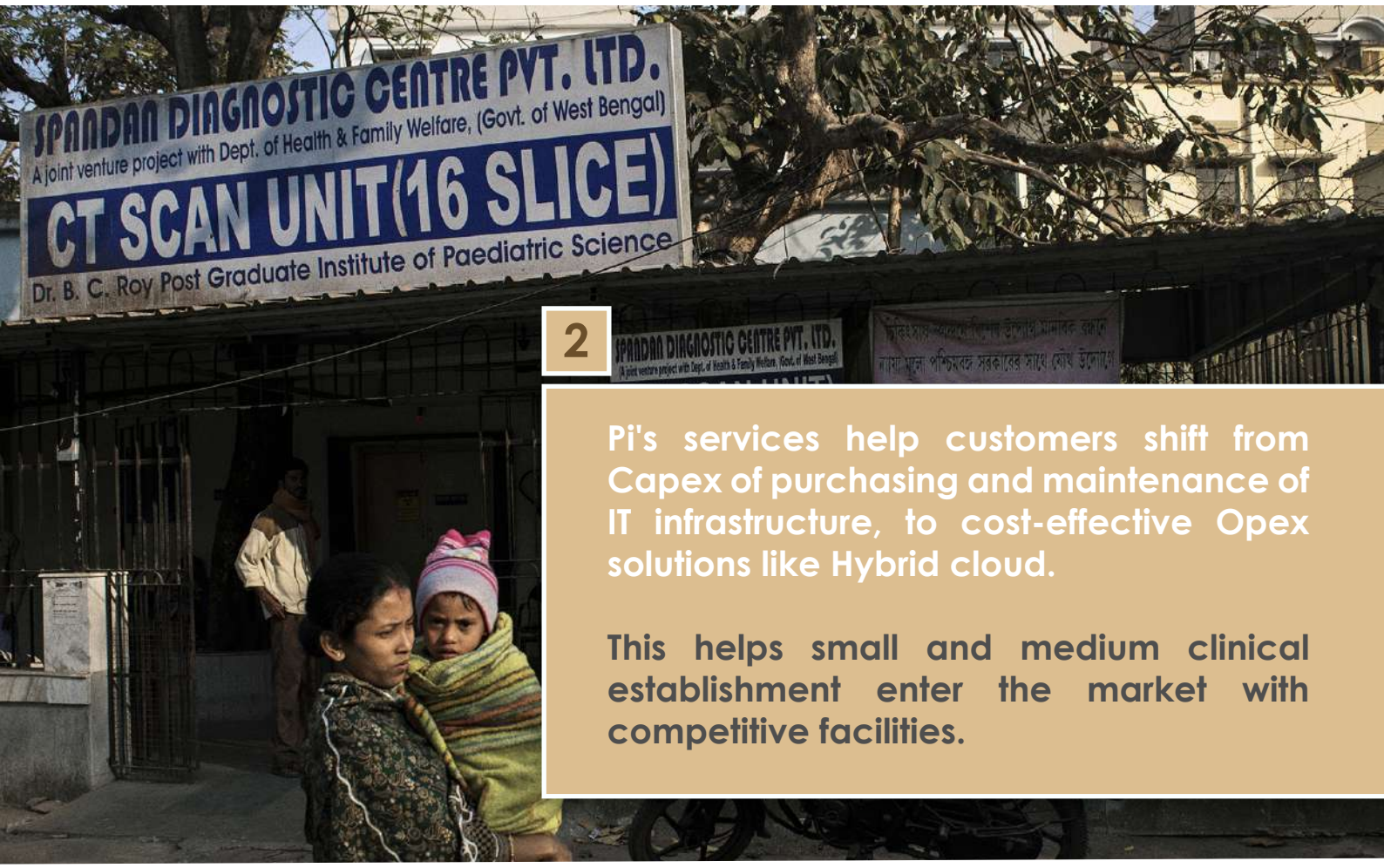
Preventive treatment and faster recovery time

Environment-Friendly (no paper work and energy efficient)

How Pi Is Powering Digital Healthcare In Rural India

1

Pi DATACENTERS is HIPAA certified and is fully equipped and qualified to store and process healthcare data on or off premises.



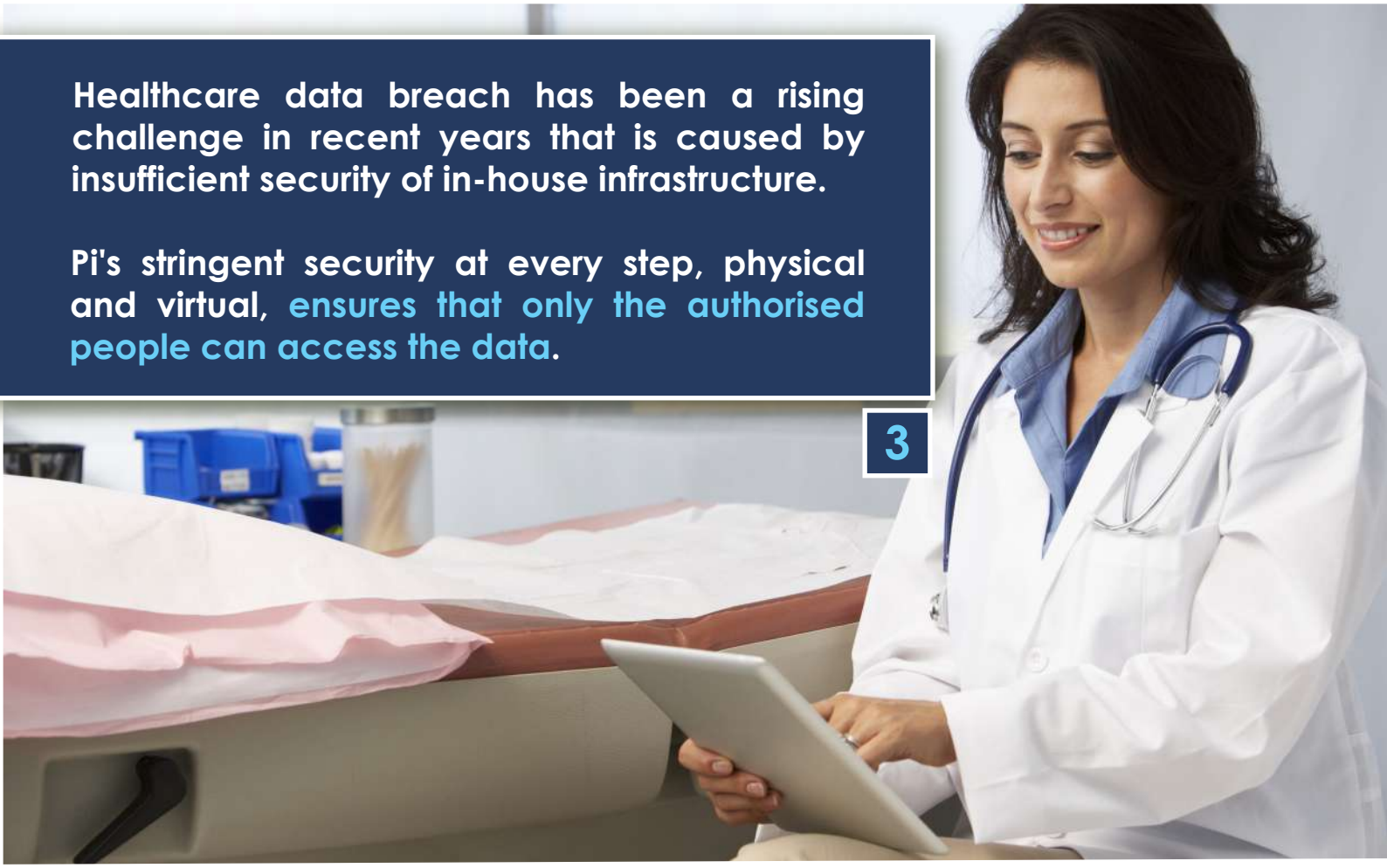
2

Pi's services help customers shift from Capex of purchasing and maintenance of IT infrastructure, to cost-effective Opex solutions like Hybrid cloud.

This helps small and medium clinical establishment enter the market with competitive facilities.

Healthcare data breach has been a rising challenge in recent years that is caused by insufficient security of in-house infrastructure.

Pi's stringent security at every step, physical and virtual, ensures that only the authorised people can access the data.



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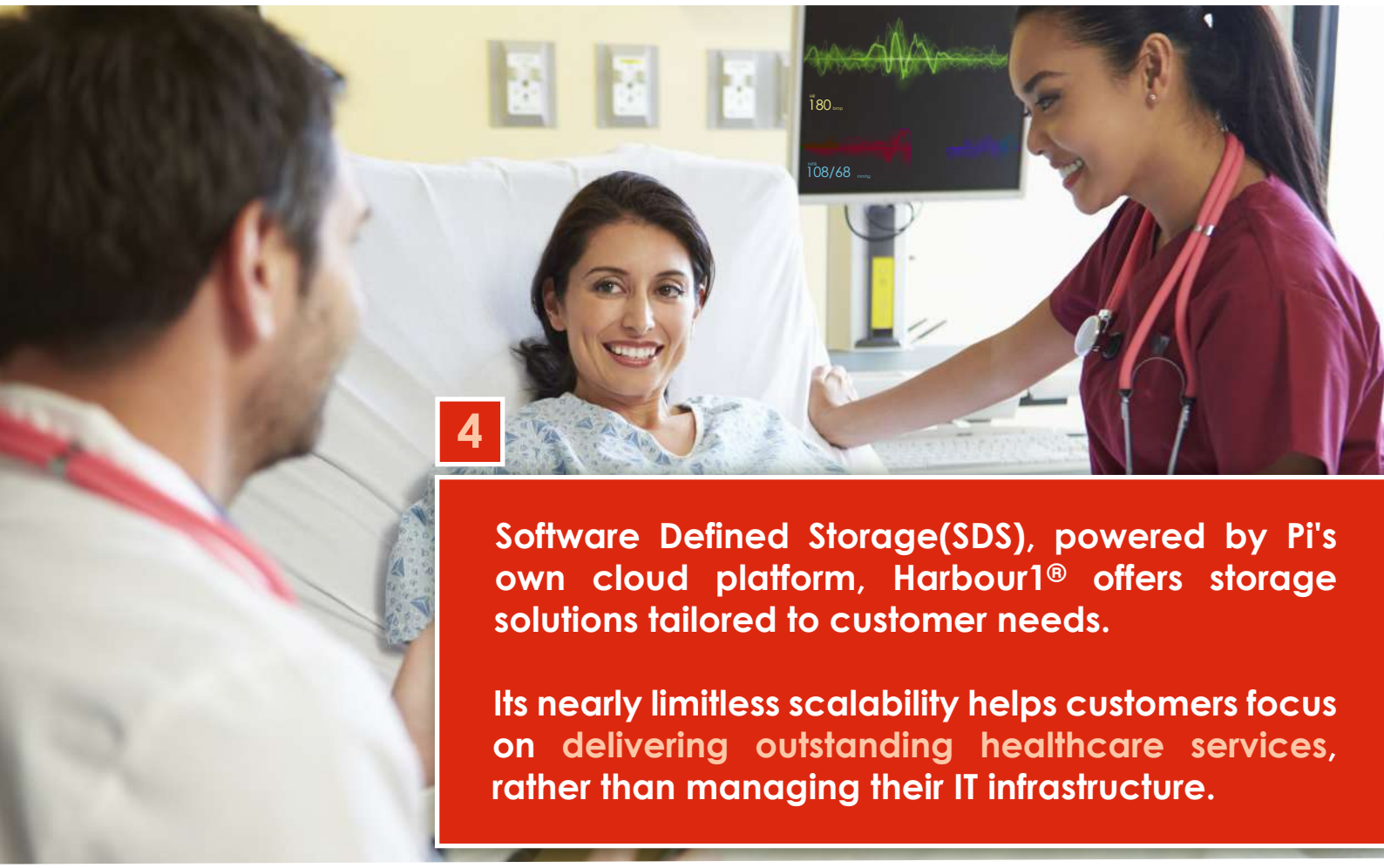

4

Software Defined Storage(SDS), powered by Pi's own cloud platform, Harbour1® offers storage solutions tailored to customer needs.

Its nearly limitless scalability helps customers focus on delivering outstanding healthcare services, rather than managing their IT infrastructure.

5

Efficient storage and high availability of data with services @Pi® ensure that medical records are available anytime anywhere.

This helps the patients getting diagnosed and treated with the best procedures suited for them, thereby reducing recovery time and increasing healthy life span.

6

Fully equipped to handle Big Data analytics in cloud, Pi can power extensive scientific and medical research to further improvise current state of healthcare.

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