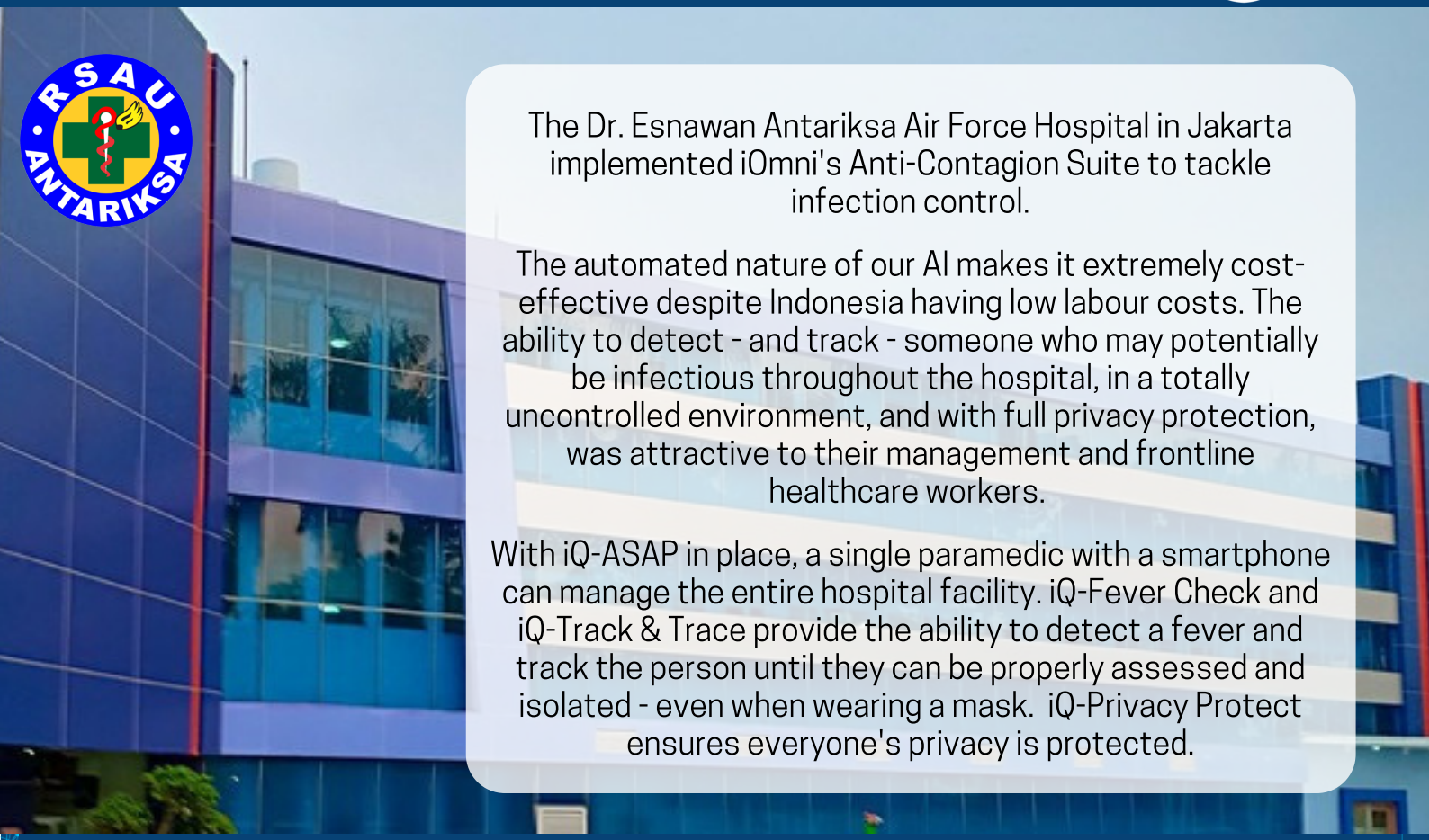
iQ In Action - Hospital Infection Control
Indonesian Air Force Hospital

iOmni



The Dr. Esnawan Antariksa Air Force Hospital in Jakarta implemented iOmni's Anti-Contagion Suite to tackle infection control.

The automated nature of our AI makes it extremely cost-effective despite Indonesia having low labour costs. The ability to detect - and track - someone who may potentially be infectious throughout the hospital, in a totally uncontrolled environment, and with full privacy protection, was attractive to their management and frontline healthcare workers.

With iQ-ASAP in place, a single paramedic with a smartphone can manage the entire hospital facility. iQ-Fever Check and iQ-Track & Trace provide the ability to detect a fever and track the person until they can be properly assessed and isolated - even when wearing a mask. iQ-Privacy Protect ensures everyone's privacy is protected.

Customisable set of modules from the iOmni Anti-Contagion Suite

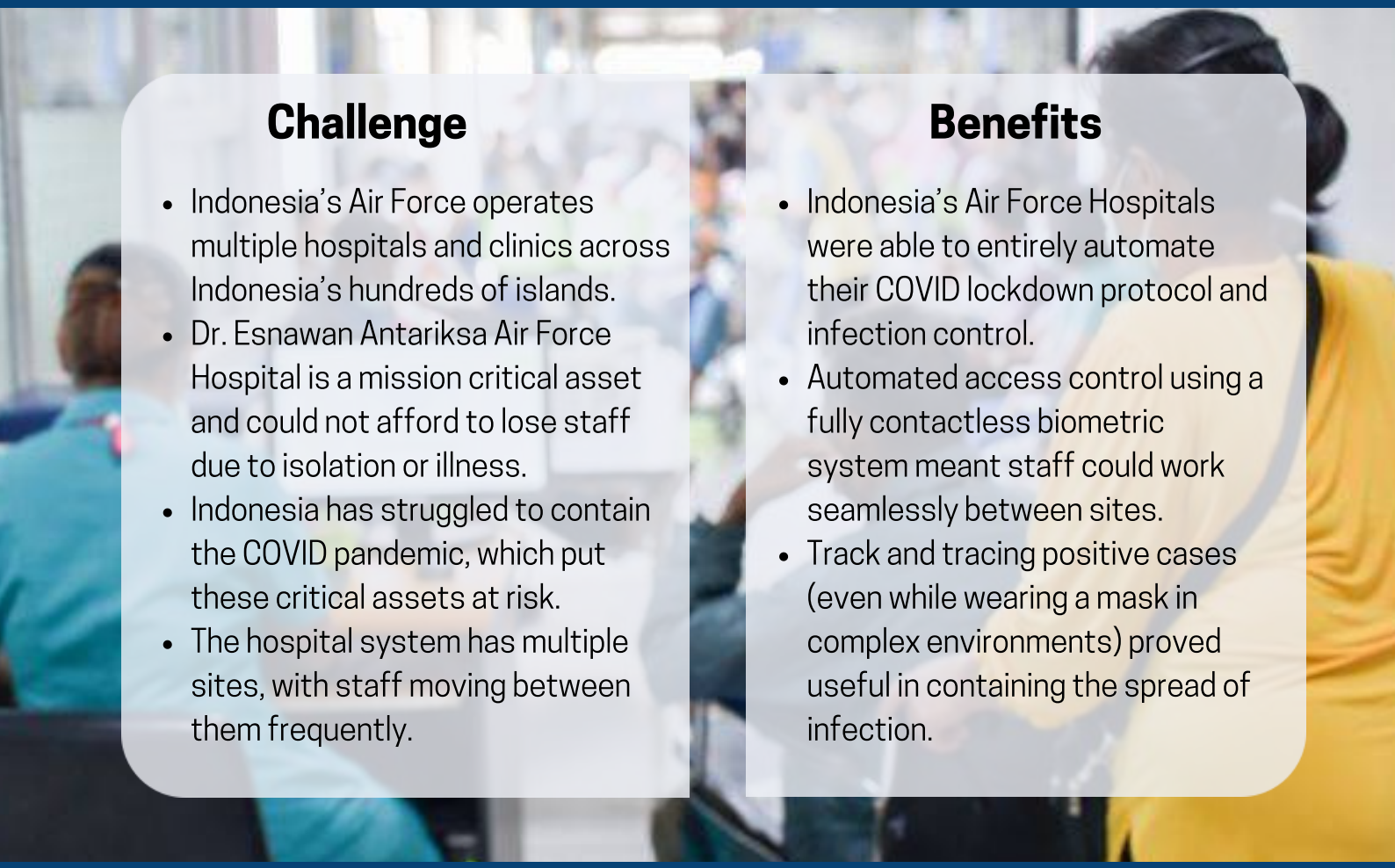


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iOmniscient
High iQ Analytics

iQ In Action - Hospital Infection Control
Indonesian Air Force Hospital



Challenge

- Indonesia's Air Force operates multiple hospitals and clinics across Indonesia's hundreds of islands.
- Dr. Esnawan Antariksa Air Force Hospital is a mission critical asset and could not afford to lose staff due to isolation or illness.
- Indonesia has struggled to contain the COVID pandemic, which put these critical assets at risk.
- The hospital system has multiple sites, with staff moving between them frequently.

Benefits

- Indonesia's Air Force Hospitals were able to entirely automate their COVID lockdown protocol and infection control.
- Automated access control using a fully contactless biometric system meant staff could work seamlessly between sites.
- Track and tracing positive cases (even while wearing a mask in complex environments) proved useful in containing the spread of infection.

Solution

- Implementation of iOmni's Anti-Contagion Suite of AI, including high accuracy realtime fever detection in a crowd, plus track and trace technology.
- A fully automated system that makes it extremely cost-effective despite Indonesia having low labour costs.
- Autonomous track and tracing of infectious people (even while wearing a mask) in an uncontrolled environment.
- Using the iQ-ASAP system, a single paramedic with a smartphone could manage the entire hospital facility.