

Deploying an Electronic Medical Record (EMR) in a Refugee Camp

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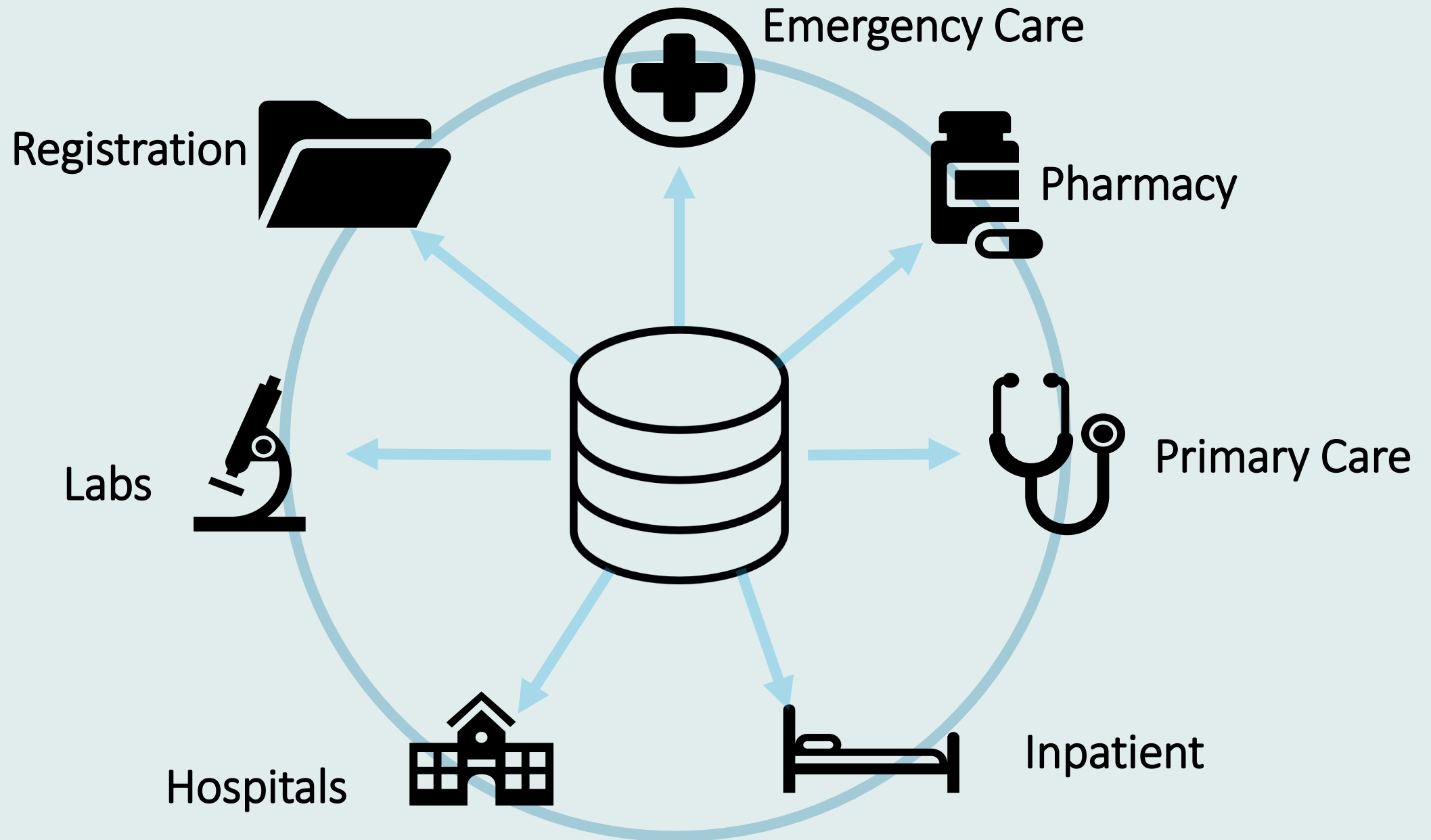
Direct

- Reduce the data collection and reporting burden
- Improve timely access to data and reports
- Scale discrete investments into program-wide impacts
- Cost savings

Indirect

- Increase engagement in data use
- Improve quality of services
- Improve beneficiary experience
- Simplify data capture requirements

We know the
benefits







Location, Location, Location

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No internet access

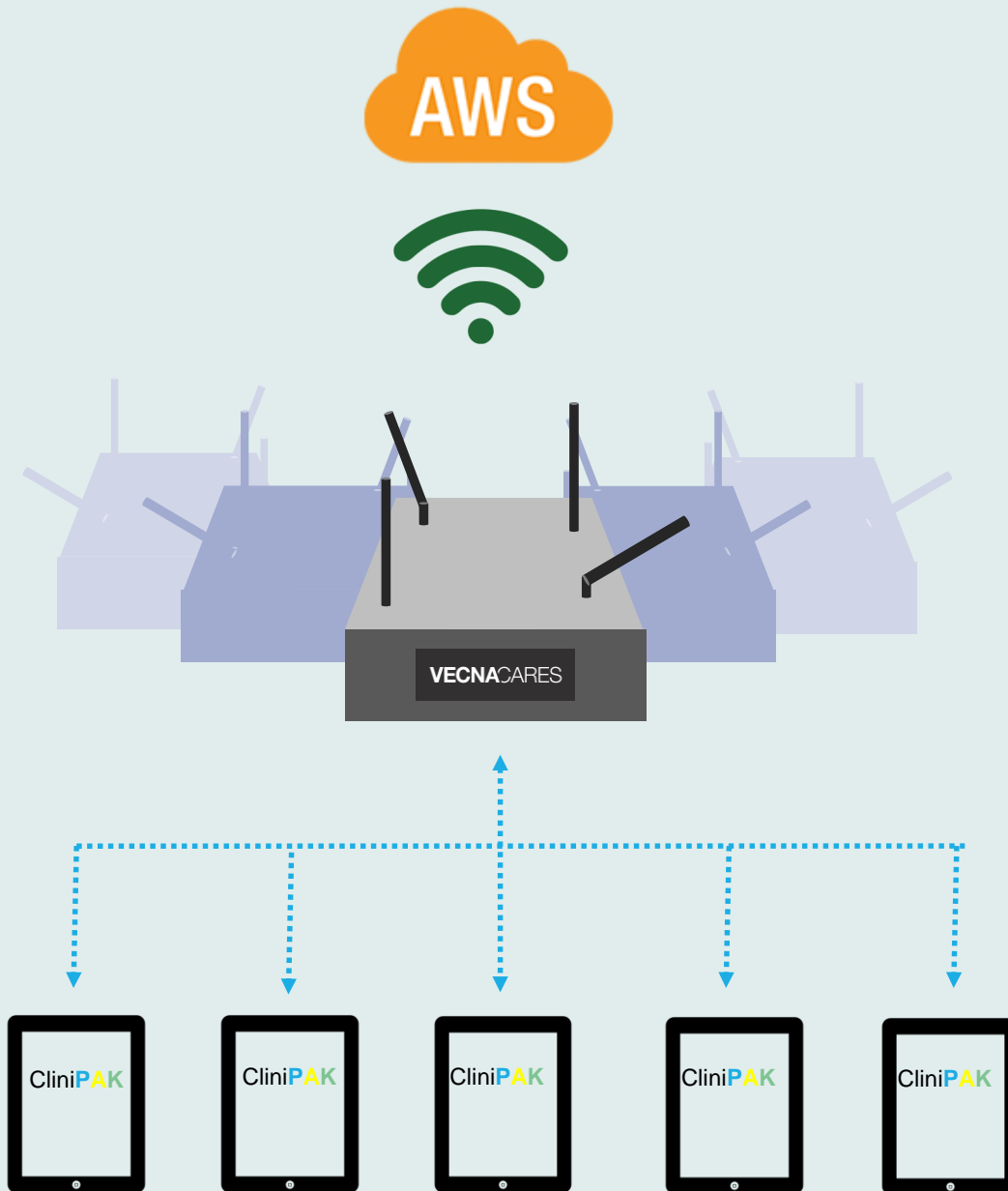
Limited electricity

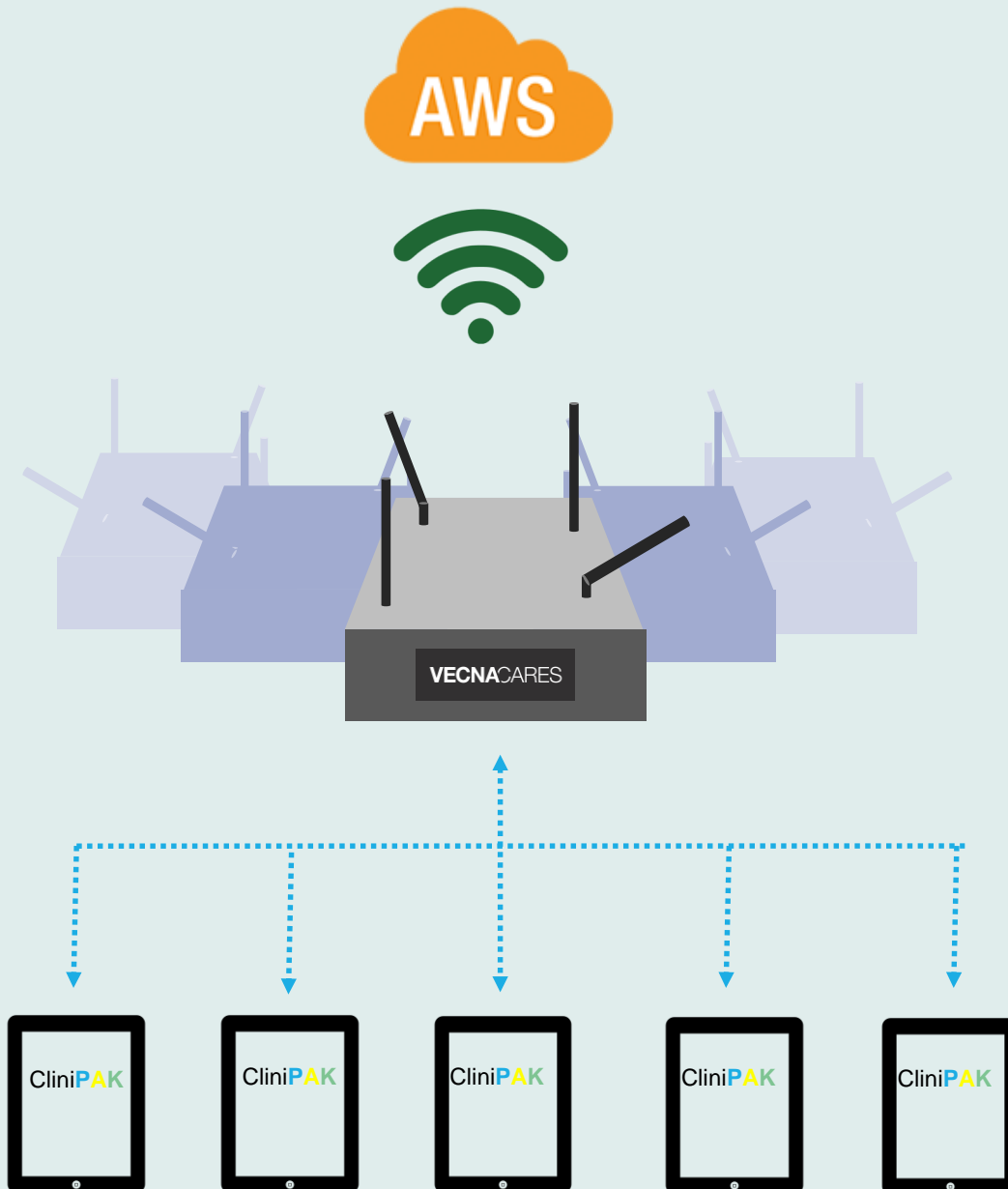
Too many paper records

Challenges

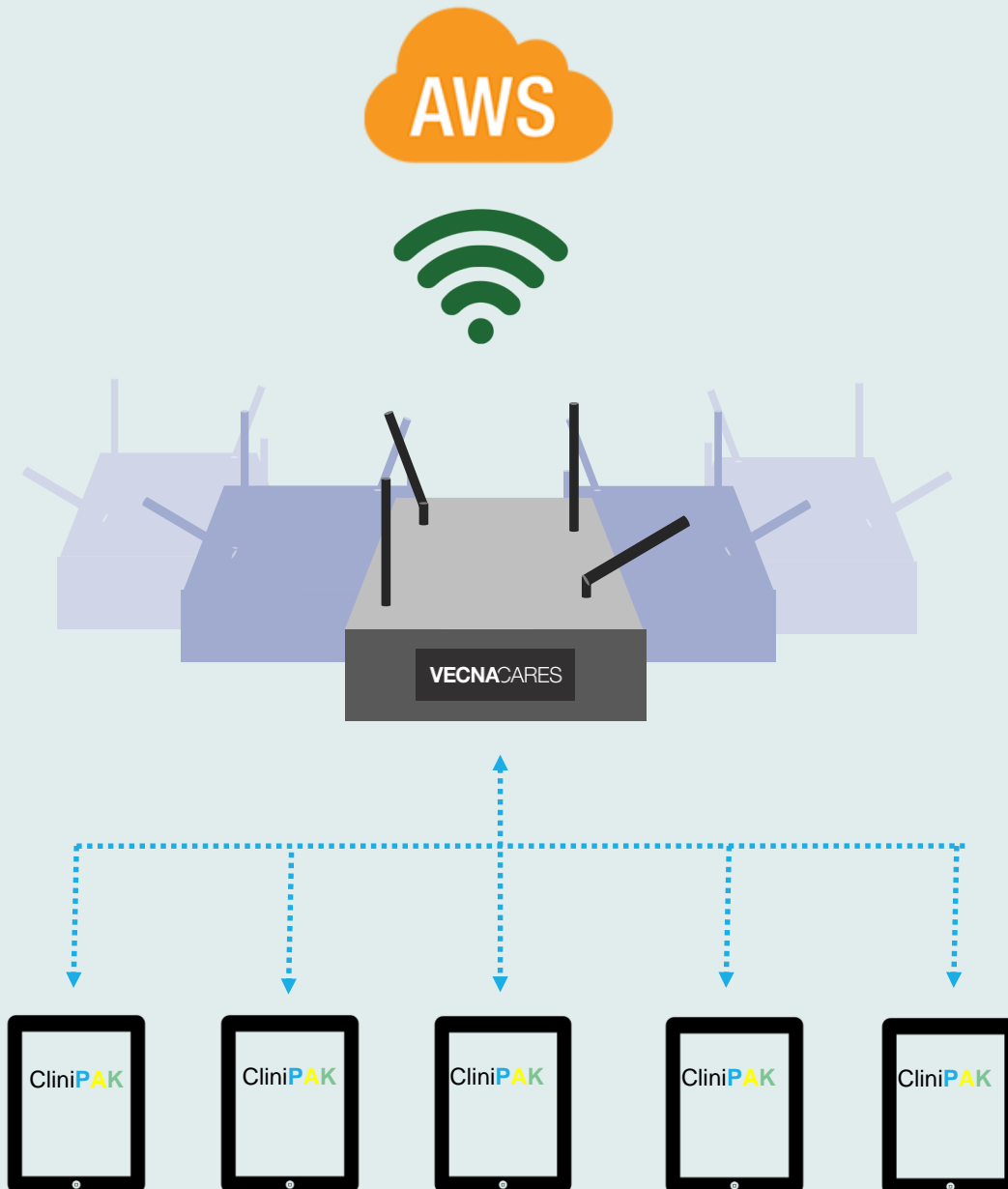
HARDWARE AND
SOFTWARE

The Solution



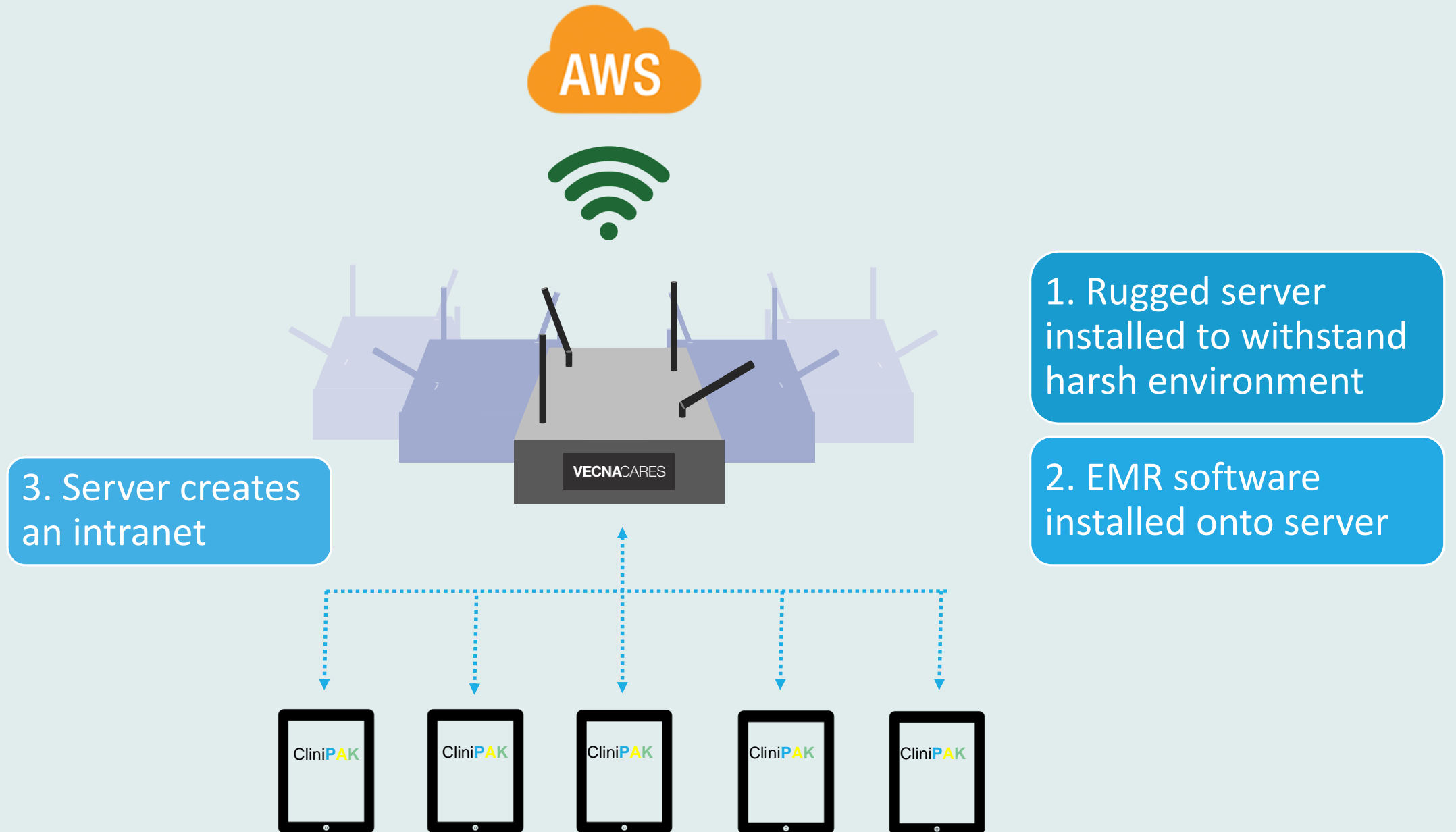


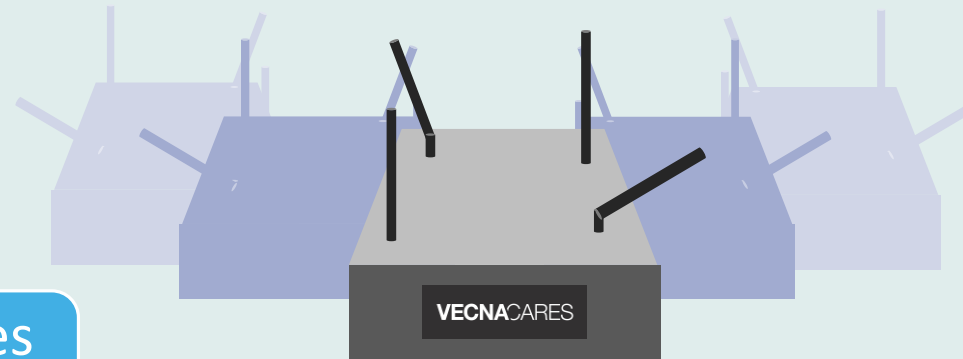
1. Rugged server
installed to withstand
harsh environment



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2. EMR software
installed onto server





3. Server creates an intranet

1. Rugged server installed to withstand harsh environment

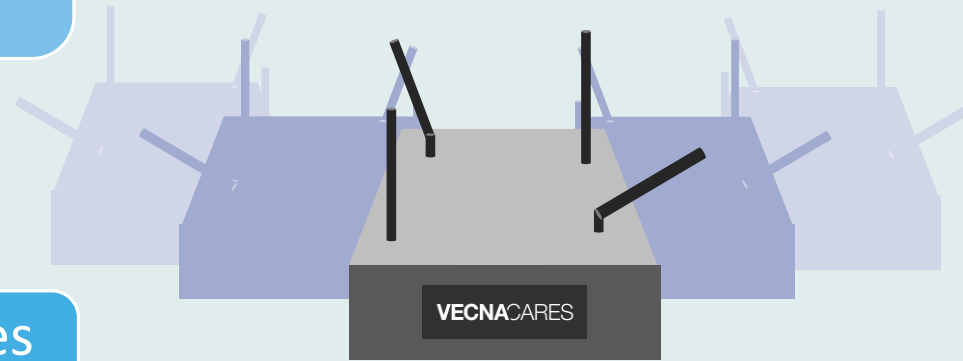
2. EMR software installed onto server

4. Users connect to intranet using wireless devices





5. Single database used to store all system data



3. Server creates an intranet

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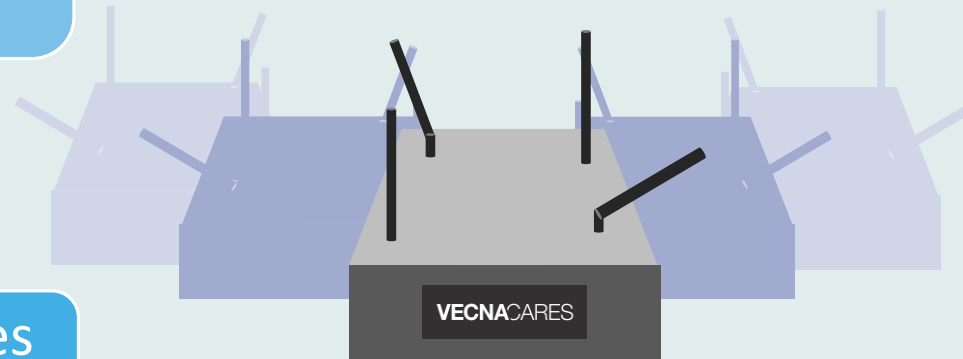




6. Database backs up to cloud server



5. Single database used to store all system data



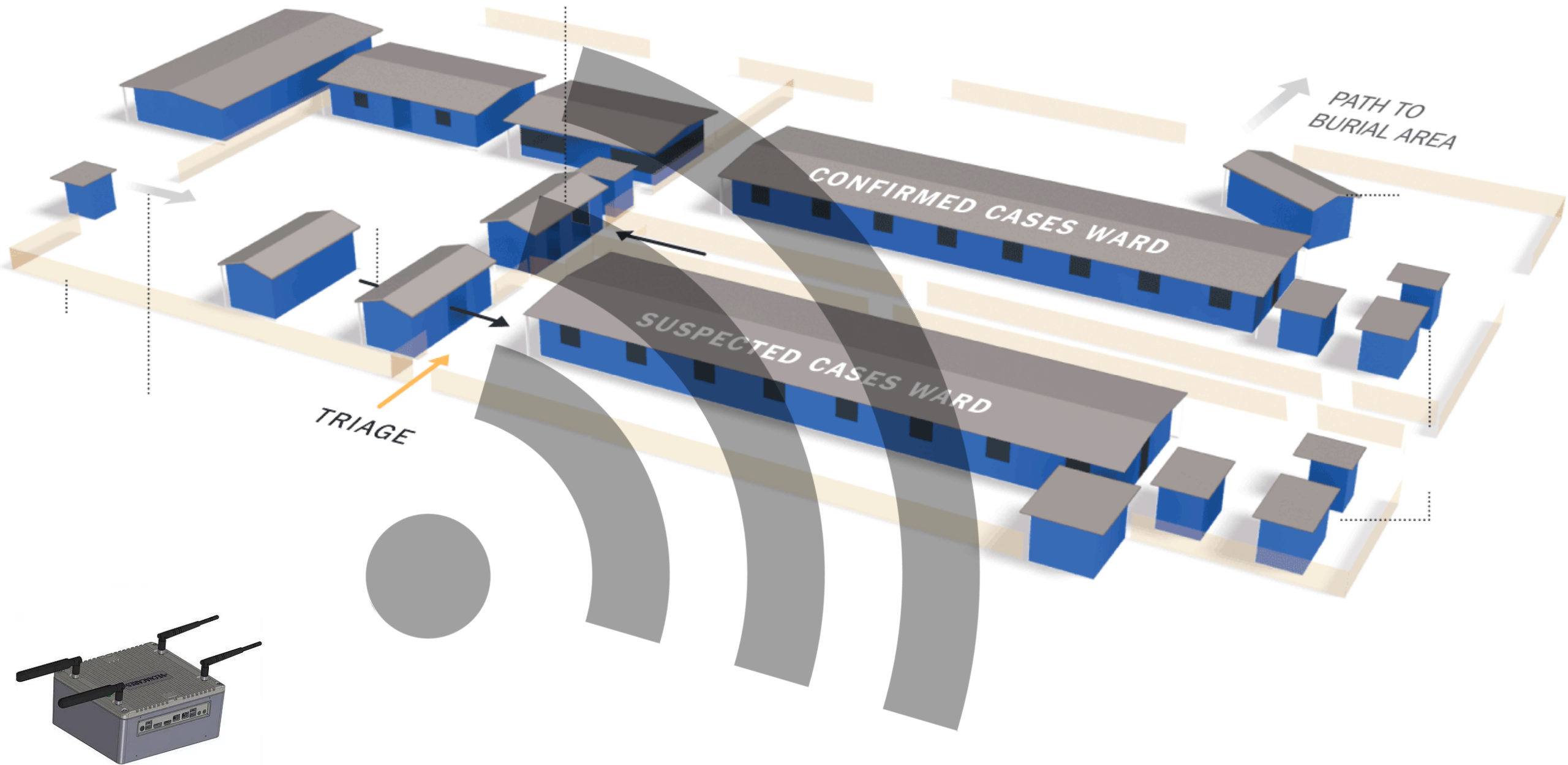
1. Rugged server installed to withstand harsh environment

3. Server creates an intranet

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1

Ensure the same data is being collected in each location

2

Data follows a patient through the continuum of care

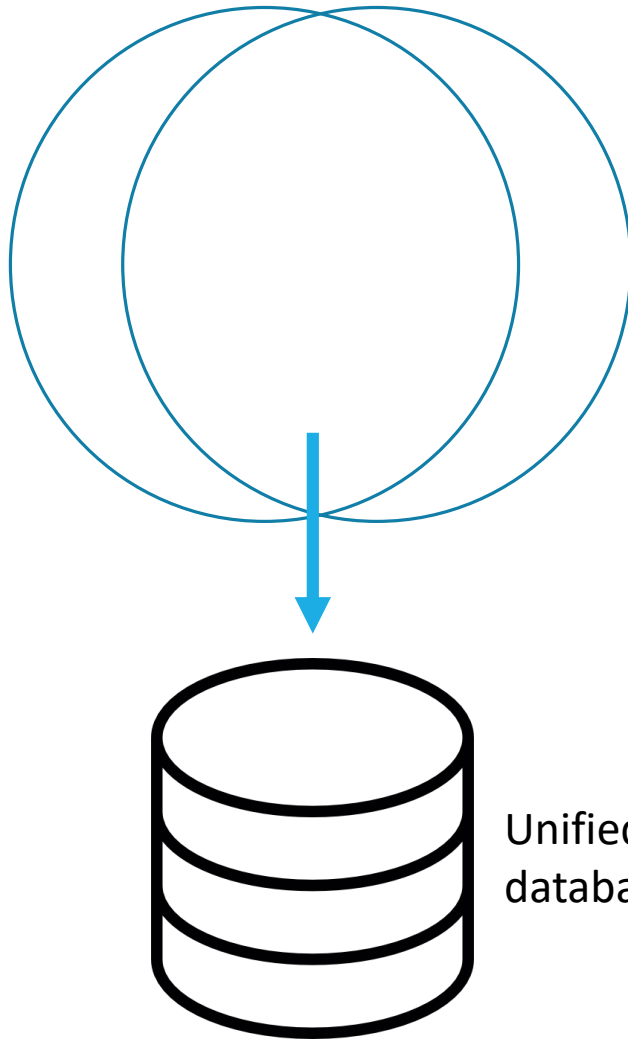
3

Data can easily be merged from different facilities

Installed 6 servers with same version of software

Data needed for
MOH reports

Data needed for
UNHCR reports



Single server
enables rapid
reporting and
analysis

Benefits of an interoperable EMR

01

Unified data
format

02

Back up data
when possible

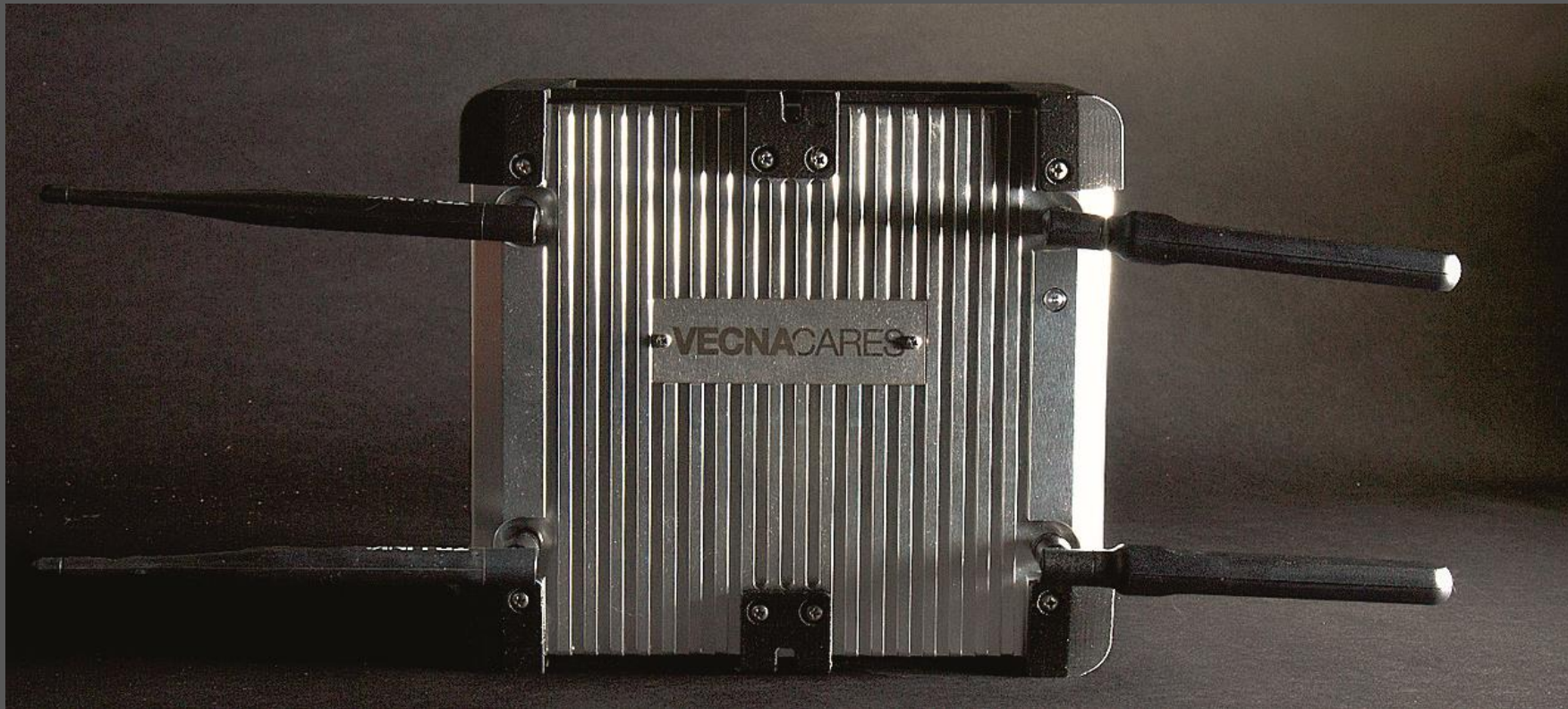
03

Same data can
be used for MOH
and UNHCR
reporting

04

Collect fewer
data points for
the same
outcomes

An interoperable system enables clinical providers to focus on the patient, not on the data or the tool



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