VinHR Solution

The first IoT and AI solution that enhances labor businesses productivity and empowers the workforce.

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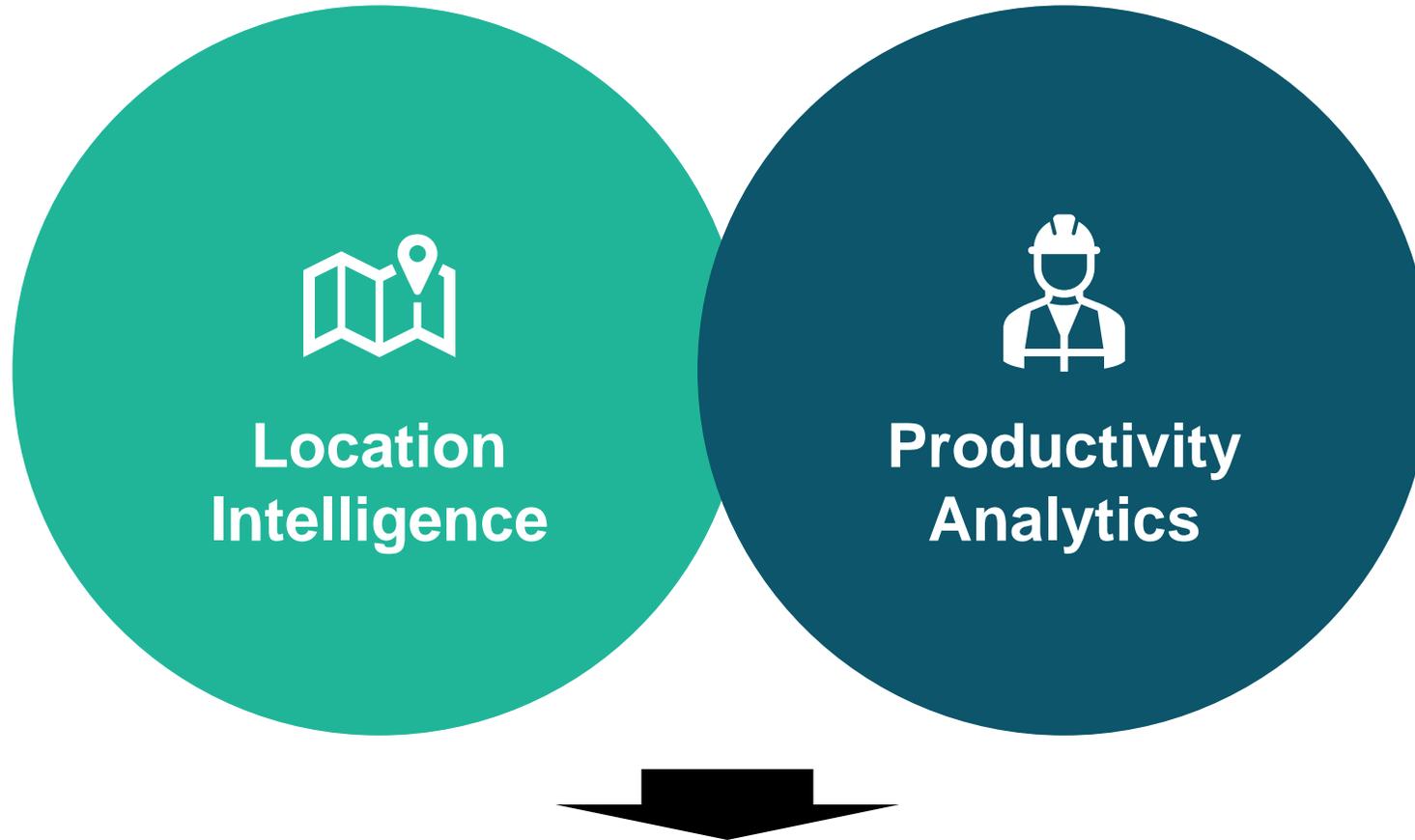
- Local Intelligence
- Productivity Analytics

Vantix VinHR detail features

- VinHR Solution Architecture
- VinHR Dashboard samples

Vantix VinHR + Microsoft Azure

Success Cases

Discover Our VinHR Solution

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Location Intelligence

Productivity Analytics

Human Activity Recognition

Massive Cloud Storage, Analytics and processing Data

Artificial Intelligence, Machine Learning

Enterprise Optimization and Management Software

Location Intelligence

The completed solution applied for labor-intensive work to increase worker productivity and to help supervisors manage their workforce efficiently

Challenges

1. Locate workers in/out position at working zone during working hours
2. Require quality, accuracy, and timely information (data, incident issues, reports,…)
3. Difficult in managing a large scales of workers and working areas
4. Require an advanced managing system & solution

- Manager view: Manual checking & traditional controlling and monitoring
- Worker view: Regulation compliance and performance evaluation

Ideal Solution

A real-time location updated system

1. Instant Location Checking
2. Detail reporting
3. Automatic incident notification
4. Time-sheet and attendance check
5. Payroll support
6. Employee working journey

- Data of position monitoring
- Position status updated (In/Out of working zone)
- Incident Issues (Stop location tracking, No internet, No permission for saving track log,..)
- Notification Alert

Desired Outcomes

Tackle the issue by providing GPS tracking

1. Go beyond basic & manual controlling and tracking
2. Enrich the view of managers by providing the trusted and reliable data
3. Motivate employee performance and increase the working compliance

- Give insight of location data
- GPS integrated and AI solution
- Solve business's problem of managing, monitoring and allocating workers

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Productivity Analytics

The completed solution applied for labor-intensive work to increase worker productivity and to help supervisors manage their workforce efficiently

Challenges

1. Detect and define the working status
   Require a solution that can detect human activities in specific scenarios

2. Measure productivity and workload in a quantitative and accurate method
   Require a measurable information of performance and productivity

- Manager view: Manual checking & traditional controlling and monitoring
- Worker view: Workload allocation and performance evaluation

Ideal Solution

1. A completed AI integrated solution

2. Develop AI Model by learning patterns of data over days, pre-define posture types of employee

3. Monitor employees

4. Measure the productivity

- Information of actual total working hours
- Transparency in information provided
- Push notification of such abnormality working status

Desired Outcomes

Tackle the issue by providing Analytics report

1. Explore valuable insight of operation & business productivity

2. Support managers in decision making process

3. Increase transparency evaluation

- Measure and report the discipline of employee
- Rapid detection of productivity by checking employee's unusual behaviors

Vantix VinHR Detail Features

Time & Attendance

Solution replace manual attendance tracking and auto-linked to Payroll

Simplifies Time Management and Attendance Tracking

Auto-sync Timekeeping and Payroll

Scheduling Employees efficiently

Measurement

Solution monitor employee performances in an accurate and quantitative way

Time Tracking Reports Automatically

KPI measurement system

Classification of indoor-outdoor working location

Reduce Time and Administrative Costs

Total actual working time needed

Performances

Solution that encourage employee performances in an effective way

Motivate the working policy compliance

Increase Employee Engagement

Improving the Efficiency, Productivity, and Performance of a company's employees

Recognize and reward outstanding performance

Better Business, Better Life, Measurably

VinHR solution provides insight and valuable data from collection and summarization, analysis, prediction then recommend rational actions.

Our Solution

Signal detection
Beacon system are installed to collect signal inhouse parallel with GPS/Satellite

Data collection
Smart wearable devices and mobile app collect signals that detect from users

Cloud Data Processing
Data collected are processed using algorithm on cloud

DASHBOARD

Satellite/ Mobile network

Outdoor

Beacon

Indoor

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Our solution:
Location tracking

1. GPS Tracking on the map

2. Zoning working areas

3. Working status tracking on map

4. Instant position Tracking

5. Alert when employees are not in the working areas

Our solution:
Productivity

1. Working time rate Analysis

2. Keep track of the days that employees go to work late or leave early

3. Action measuring: working, non- working status

Our solution:
Report

1. Statistics of work quality by department

2. Statistics of individual productivity

3. Statistical reports inside and outside working areas

4. Report on employees moving route
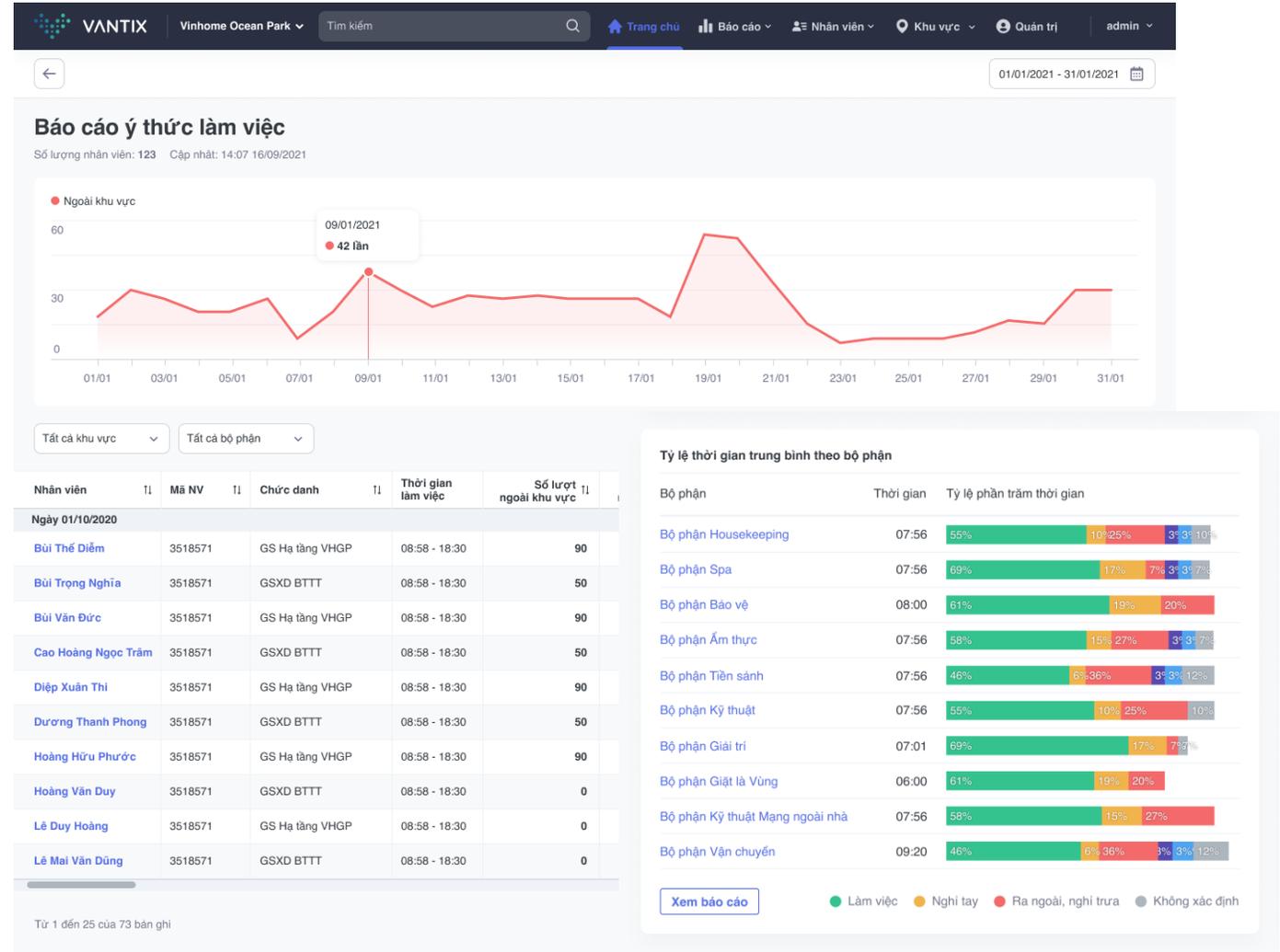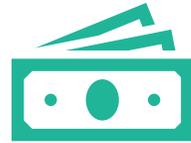
Vantix VinHR & Microsoft Azure

Vantix takes advantage of its role as a Gold Partner of Microsoft, standing on the giant tech's platform to deliver unique and valuable solution to customers.

Scalability & Ductility

System can easy and quickly increase the use of resources accordingly to the application's requirements.

Time & Cost Effectiveness

Time and cost saving in implementing the foundation services, no need to bear high initial costs of purchase necessary on-premise equipment.
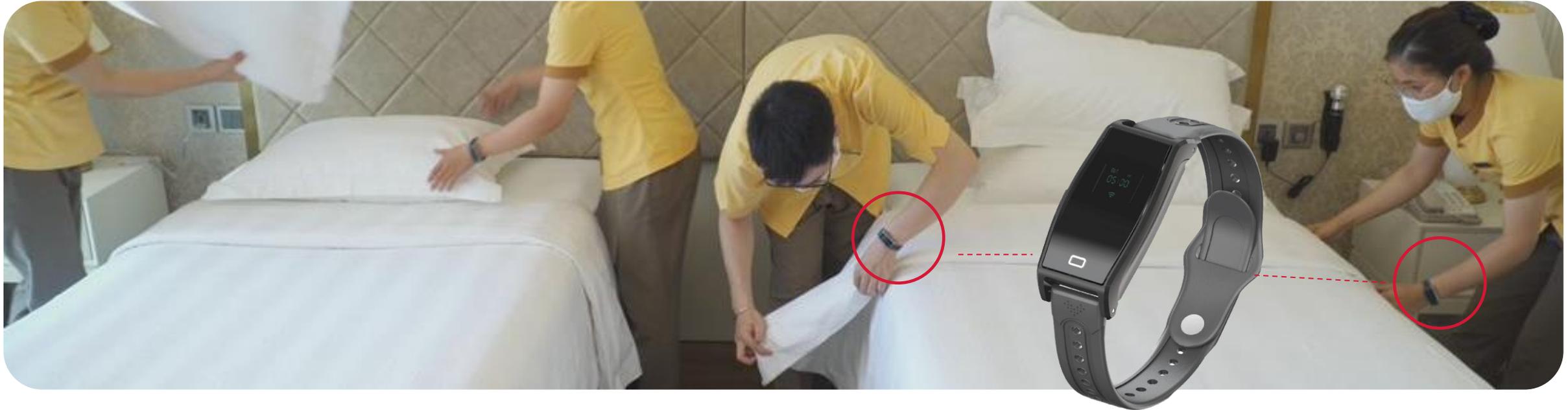
Security

Safety transmission, intelligence warning that alert risks, threats, potential issues that may affect data infrastructure

Data is secured according to ISO 27001 standard , GDPR and over 50 other compliances

Customer Success

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VINPEARL

Challenges:

Enhancing the compliance and optimizing the productivity of labor force from a huge number of employees with different professions in more than 40 resort/hotel locations which are all over Vietnam.

Solution:

Productivity analytics by using ML/AI models with seamless hardware/ software/ cloud integration

Outcome:

The trusted and reliable data with high accuracy above 90%

✓ Time & Attendant checking

✓ Location Recognition

✓ Human Activity Recognition

Customer Success

Challenges:

Difficulty in monitoring productivity for employees in large construction sites

There was no ready digital solution on the market to customize to Vinhomes's need

Solution:

Combining GPS/ Mobile network and Bluetooth technology for coherent outdoor/ indoor positioning

Outcome:

Trusted and Reliable monitoring systems with automatic incident notification

- ✓ Visual Interactive Dashboard
- ✓ Instant Position Monitoring
- ✓ Automatic Monitoring System

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Better Business,
Better Life,
Measurably