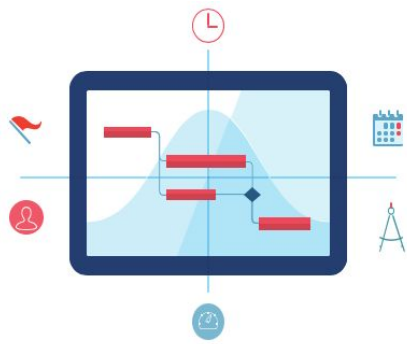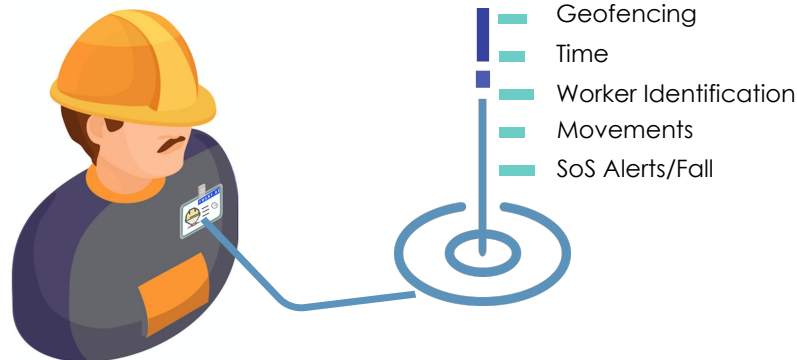Kwant.ai leverages the power of Artificial Intelligence and Internet of Things to identify workers and automatically detect their real time location & activities. Kwant.ai compares this data with forensic data to provide predictive analytics that enable early warning signals which are used to optimize workforce and predict safety incidents. Kwant.ai automates timesheets, increases payroll accuracy and provides daily insights on profit and loss, thus reducing hours of unproductive manual work. Our proprietary sensors detect fall, slips, access to unsafe zones and communicate in real-time to significantly reduce response time and helps save lives.

Geofencing
Time
Worker Identification
Movements
SoS Alerts/Fall

SCHEDULING

Optimize scheduling based on 3D BIM Model and Lean Planning. Increase accountability as a result of cloud based collaboration.
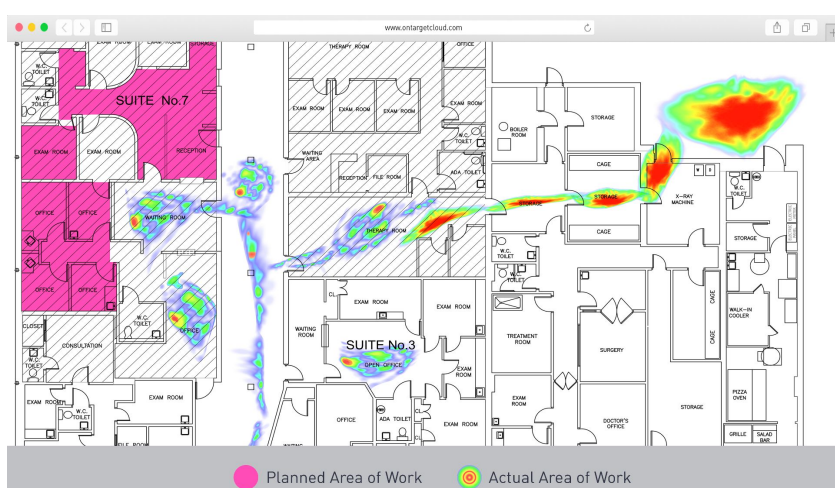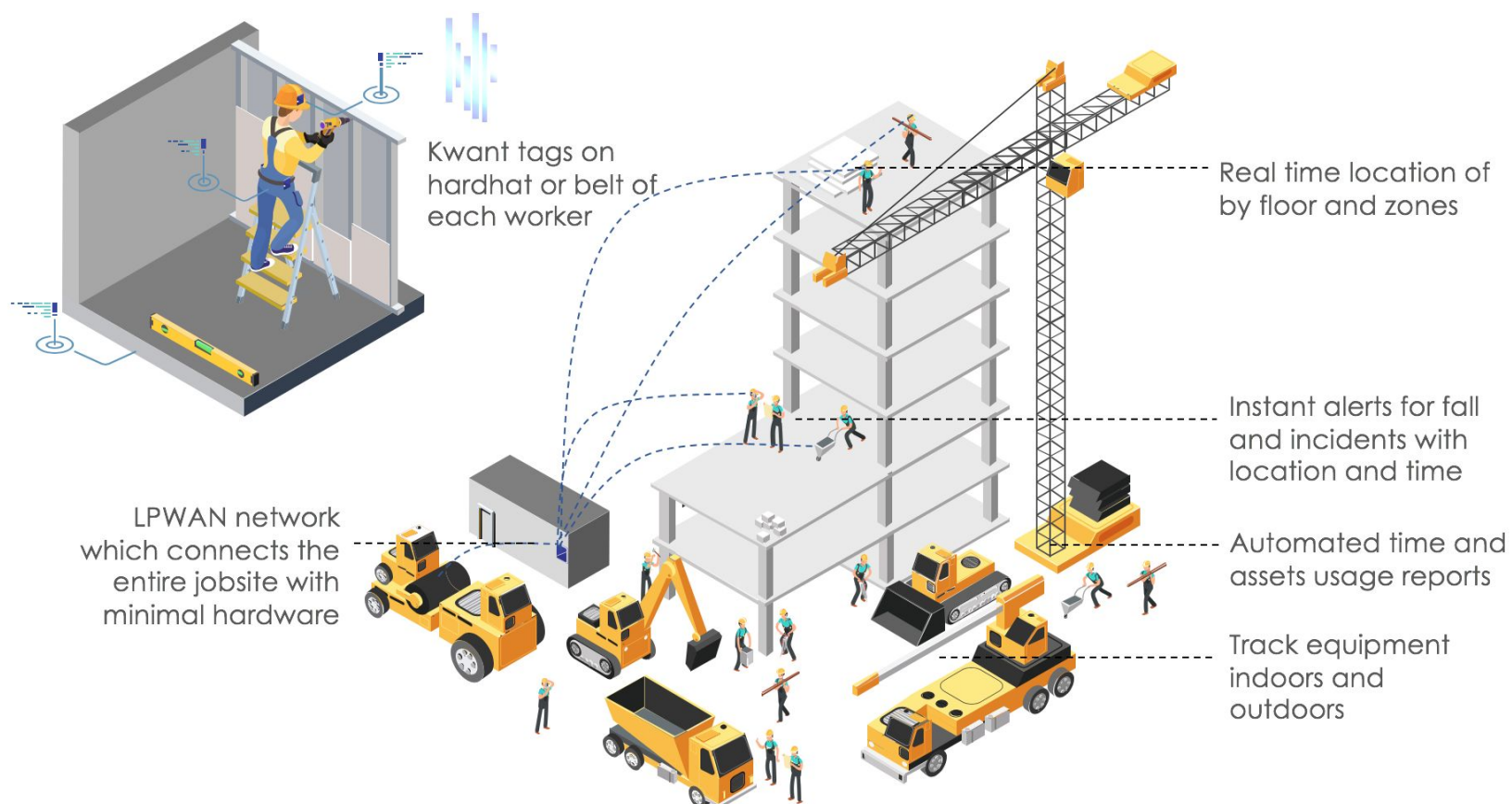
REAL TIME DATA

Automatically identify labor and materials on site using IoT sensors to analyze productivity and safety.

ANALYTICS

Take proactive actions to predict and mitigate project risk Increase profits and safety with data driven decisions.

HOW IT WORKS?

Kwant tags on hardhat or belt of each worker

Real time location of by floor and zones

Instant alerts for fall and incidents with location and time

Automated time and assets usage reports

LPWAN network which connects the entire jobsite with minimal hardware

Track equipment indoors and outdoors

OUR PAST PROJECT

$50K Saved
Due to early detection of electricians performing out-of-sequenced work
- Malbro Construction

● Planned Area of Work   ● Actual Area of Work

OUR INTEGRATION PARTNERS

ORACLE
PRIMAVERA

P⤵ Project

AUTODESK

PROCORE

AON

COMCAST

✉ info@Kwant.ai

📱 646.580.4147

🔗 www.Kwant.ai

335 Madison Avenue
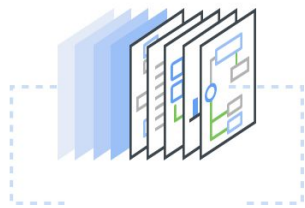New York, NY, 10017

WHY ONTARGET?

Increases Safety
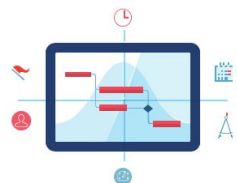Instantly alerts for evacuation, fall and unsafe zones

T&M Verification
Paperless solution for tracking manhours during change order works.

Ensures Compliance
Ensures Local Law 196 with latest OSHA certificate with alerts for expiration

Optimizes planning
Uses historical data to accurately to forecast manhours and duration

Improves Labor productivity
Compares work hours with planned hours and progress to optimize productivity

Risk Management
Take proactive decisions on risk prioritized by root cause and impact.
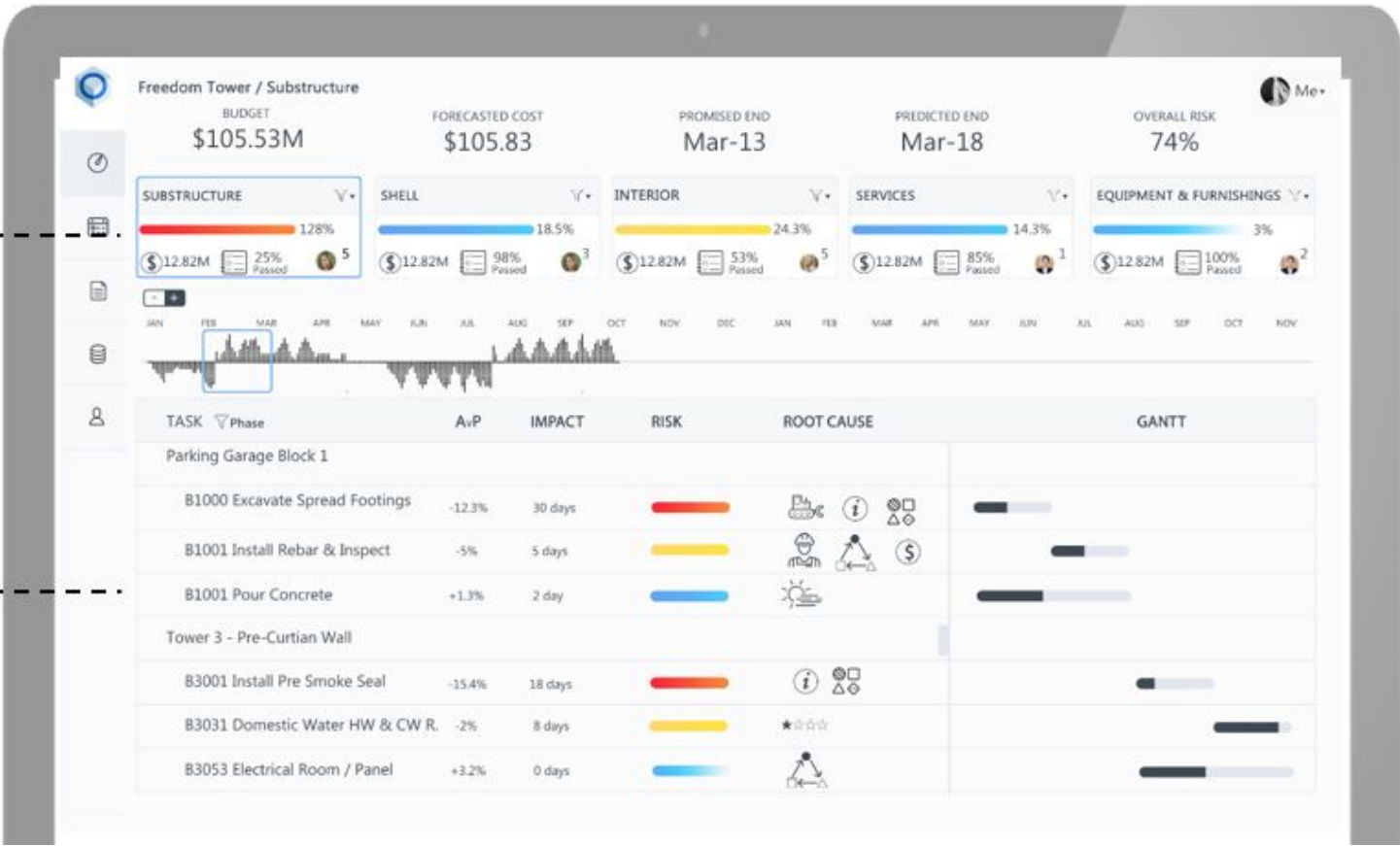
TAKE DATA DRIVEN DECISIONS

Accurately schedule, track and optimize data in real time

Compare Budget vs Predicted resource Cost to complete per cost code and crew

Prioritize activities with root case and risk metrics

PROVEN TRACK RECORD

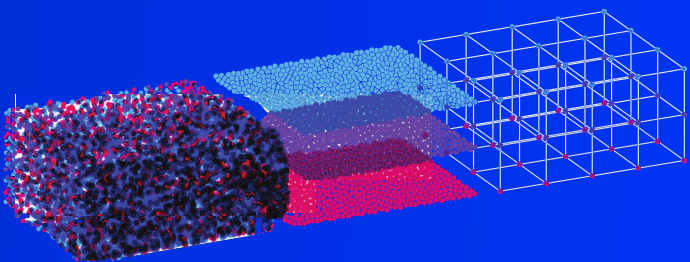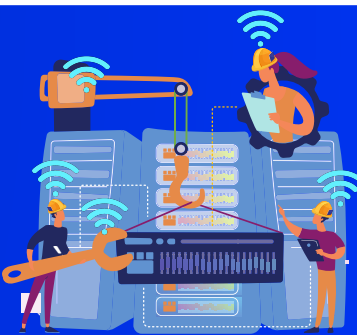| OLD WORLD	NEW WORLD
Countless hours each week for headcounts →	**Automated** headcounts
Uncertainty in project duration, cost and major risks	**Predictable** project results with proactive decisions
30-60 days project reporting cycle →	**Real-time** analytics
Subjective progress verification leading to delayed payments	**Data driven** progress measurement for faster payment cycle
Unsafe job sites →	**Safer and productive** work culture with real time alerts

AI DRIVEN CONSTRUCTION

STANDARIZE
Kwant has analyzed 1,000s of project schedule using Artificial Intelligence. Our algorithm standardize unstructured data into standard buckets

SENSE
Real time data stream from sensors and APIs are compared with standardized forensic data

PREDICT
Predictions are made with superhuman accuracy to provide early warning signal to project risk

DURATION

COST

OPTIMIZED MANHOURS

SAFETY INCIDENTS