

HiveGrid

Introduction

Presented by HG Robotics

Overview

What is HiveGrid?

HiveGrid introduces the new generation of enterprise fleet management platform which is seamlessly designed for service providers. The platform presents a variety of fleet information in the smart dashboard that empowers ground staffs to efficiently manage projects, resources, devices and data. With HiveGrid Data Intelligent, we aim to present data analytic functionality and introduce the seamless reporting workflow in the near future:

01

Dashboard

An intuitive information visualization that represents project statuses. It helps ground staffs to organize works more precisely.

02

Project Management

Seamless service delivery workflow for service providers. Flight plans can be organized upfront to save pilots' time.

03

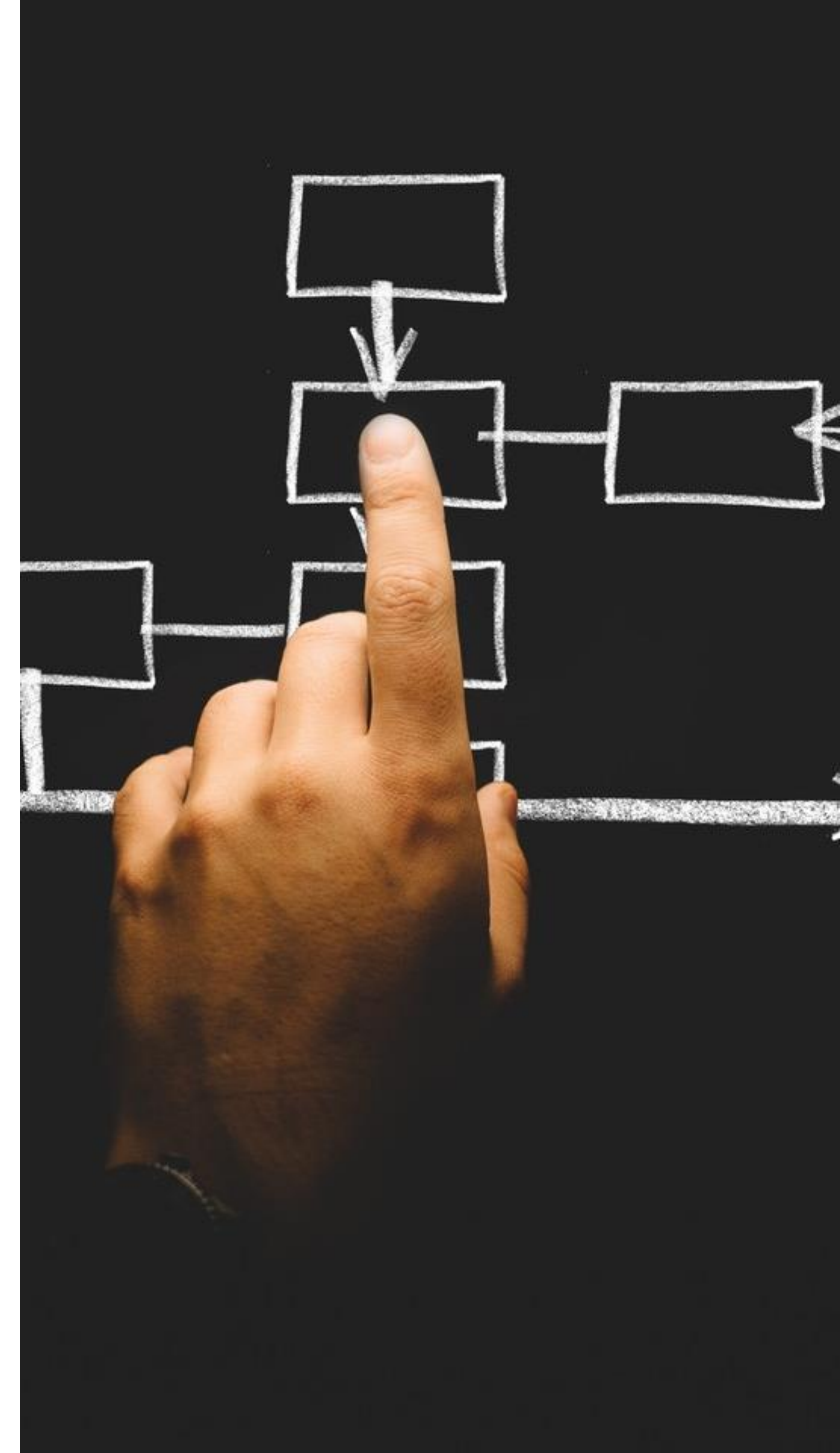
Flight View

Monitor vehicles during the operations. The system provides status information and warns users when incidents occur.

04

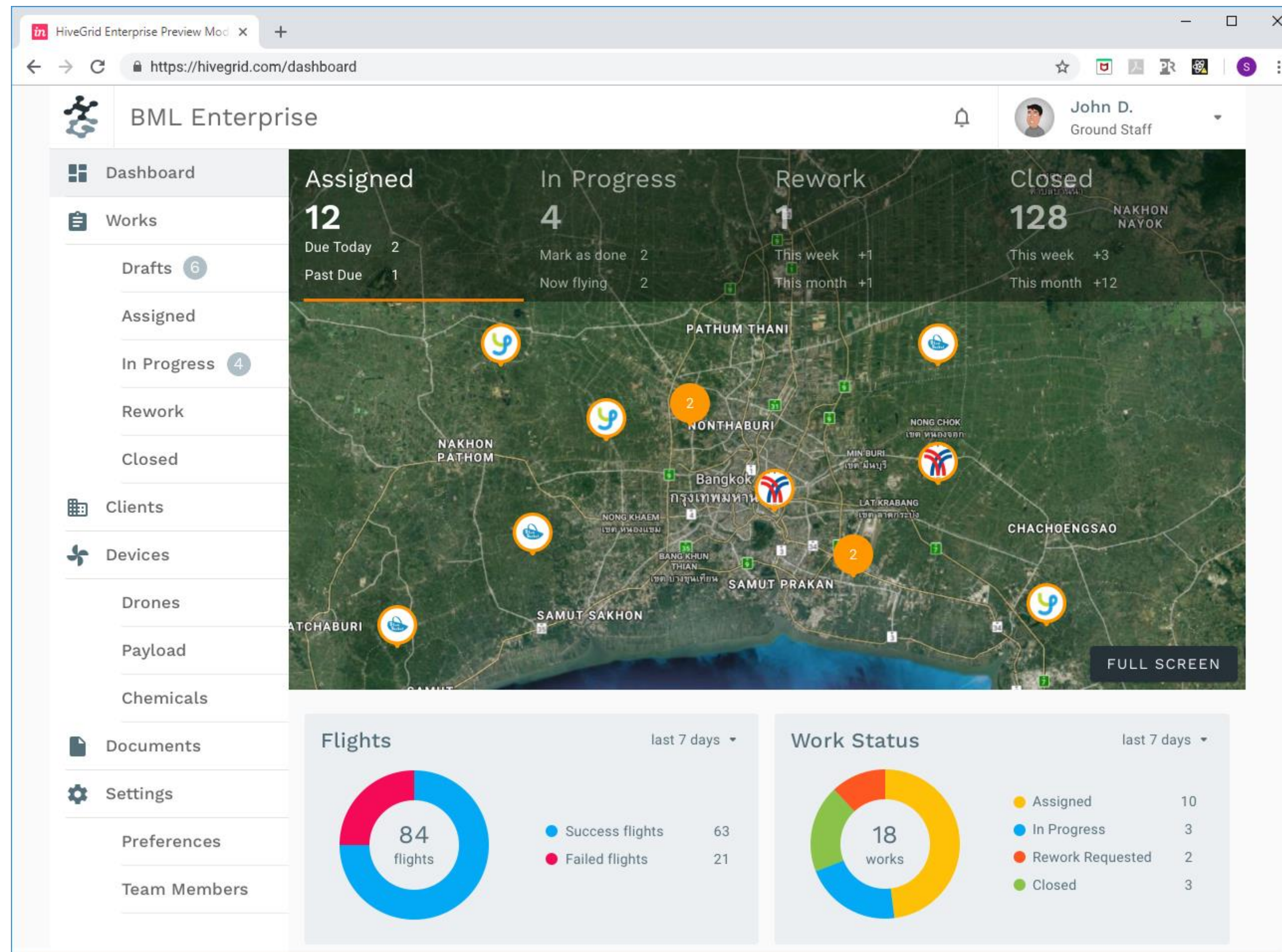
Resource Management

Maintain drones, pilots and other assets of an organization. Drones flight hours and experience of pilots are also recorded.



Dashboard

Overview



Map View

Ground staffs see the work data intuitively presented in the map. They can catch important information in just a second.

Project Management

Work List

HiveGrid Enterprise Preview Mod

x

+

←

→

↻

https://hivegrid.com/works

☆

BML Enterprise

Dashboard

Works

Created6

In Progress4

Submitted

Rework

Closed

Clients

Devices

Drones

Payload

Chemicals

Documents

Settings

Preferences

Team Members

Works > Created













MAP VIEW

NEW WORK

All Clients


Date Created

Search Work

PROJECT	PILOT	DATE & LOCATION	
 Farm Spray -3 Green Melon Farm	 Thongchai M.	Aug 10, 2018 Sriracha, Chonburi	...
 Land Exploration Patong Property	 Boonchai J.	Aug 12, 2018 Patong, Phuket	...
 Farm Fertilizing Yellow Mango Farm	 Thongchai M.	Sep 1, 2018 Bang Pho, Nontaburi	...
 Farm Spray -3 Green Melon Farm	 Thongchai M.	Aug 10, 2018 Sriracha, Chonburi	...
 Land Exploration Patong Property	 Boonchai J.	Aug 12, 2018 Patong, Phuket	...
 Farm Fertilizing Yellow Mango Farm	 Thongchai M.	Sep 1, 2018 Bang Pho, Nontaburi	...

List View

List the works by status. Ground staffs could be easily get through the data by using the smart search or left navigation. New work can be created and assigned from here



Project Management

Work List

HiveGrid Enterprise Preview Mod x

https://hivegrid.com/works

BML Enterprise

John D. Ground Staff

Dashboard

Works

Created 6

In Progress 4

Submitted

Rework

Closed

Clients

Devices

Drones

Payload

Chemicals

Documents

Settings

Preferences

Team Members

Works > Create new work

Work Title

TITLE

New work title

TYPE

☐ Spraying ☐ Mapping

Client

CLIENT

Select Client

SITE

Select Site

Work Field

FIELD

Selected Site Name

Field 1 Area (sq.m.) ☐

Field 2 Area (sq.m.) ☒

Field 3 Area (sq.m.) ☐

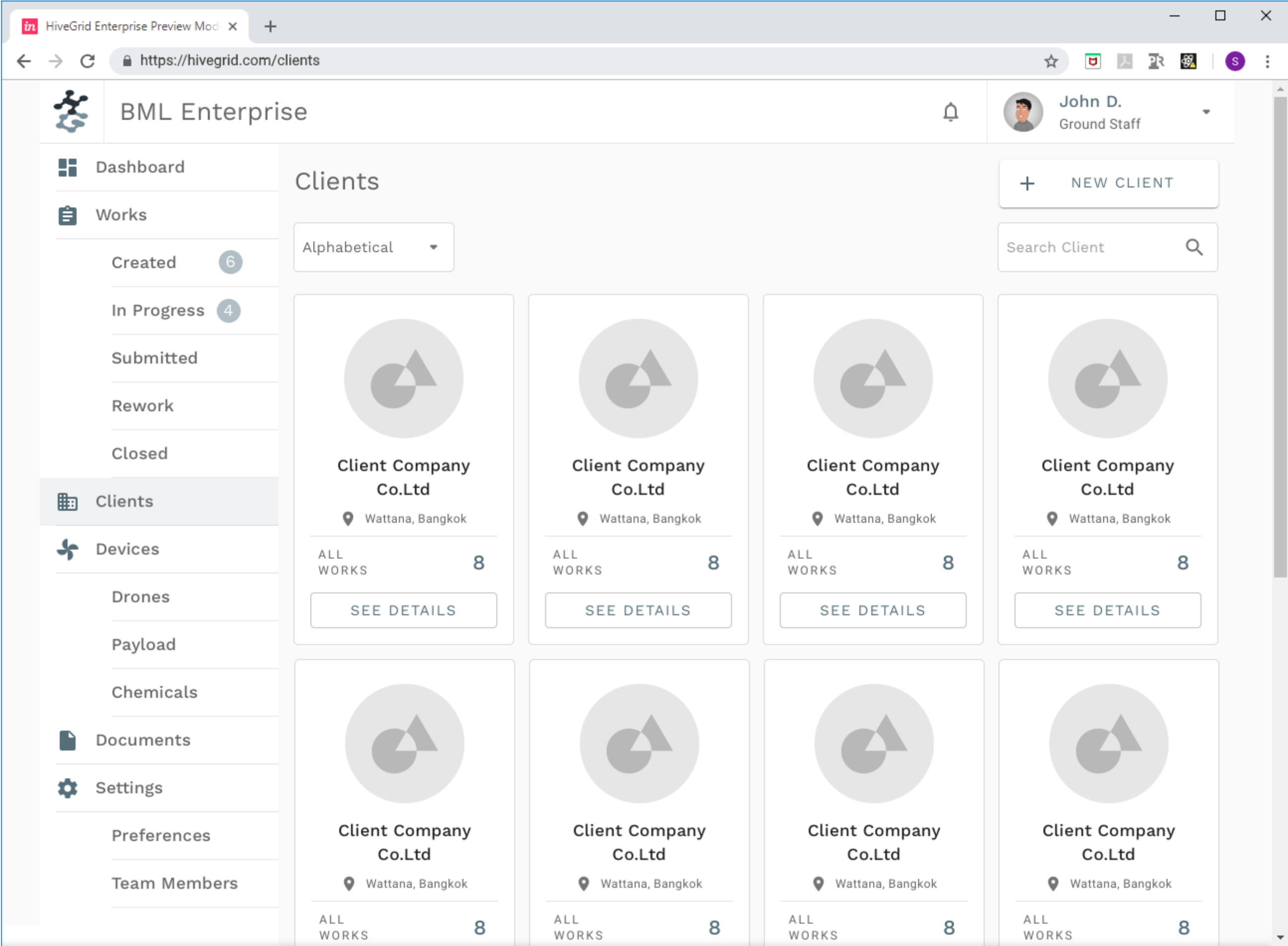
CREATE NEW FIELD

New Work

Create a new work requested from a client. Ground staffs can assign pilot and equipment best suited to the missions

Project Management

Clients



Clients

Clients of an organization are listed here with some useful information presented. Users can create a client from here.

Project Management

Client Detail & Sites

The screenshot displays the HiveGrid Enterprise web application interface. The browser address bar shows the URL <https://hivegrid.com/clients>. The top navigation bar includes the BML Enterprise logo, a notification bell, and a user profile for John D. Ground Staff. The left sidebar contains a menu with the following items: Dashboard, Works (with sub-items: Created (6), In Progress (4), Submitted, Rework, Closed), Clients (highlighted), Devices (with sub-items: Drones, Payload, Chemicals), Documents, Settings (with sub-items: Preferences, Team Members), and a plus icon for additional options. The main content area shows the 'Clients > Company Name' page. It features a company profile card with a circular logo, the name 'Company Name', and contact information: 85 Soi Sarikakorn Siriphong Rd., Pranakorn Bangkok 10200, phone 02 - 234 - 5678, and email contact@company.com. Below the profile card are two tabs: 'SITE' and 'WORK'. The 'SITE' tab is active, displaying a table of sites. The table has columns for a site image, site name, address, field count, and total area. Two sites are listed, both with the same address and field count. A '+ SITE' button is located at the bottom right of the table. Each site entry has a 'DETAILS' button.

Company's Site Name	FIELD	TOTALL AREA
Company's Site Name 85 Soi Sarikakorn Siriphong Rd. Pranakorn Bangkok 10200	3	10,289 sq.m.
Company's Site Name 2 85 Soi Sarikakorn Siriphong Rd. Pranakorn Bangkok 10200	3	10,289 sq.m.

Sites

Ground staffs can determine the sites and area to receive services

Resource Management

Drones

The screenshot displays the BML Enterprise Drone Management interface. The left sidebar contains navigation options: Dashboard, Works (with sub-items Created (6), In Progress (4), Submitted, Rework, Closed), Clients, Devices, Drones (selected), Payload, Chemicals, Documents, Settings, and Preferences. The main content area shows a list of three drones, each with a drone icon, name, status, model, serial number, and a table of flight metrics. A 'NEW DRONE' button is located in the top right corner of the main area.

Drone Name	Status	Model	Serial No.	Flights	Hours	Distance (KM.)
BML's Drone -1	Active	VespaHex	13HF9B3JFLOE0	21	78	234
BML's Drone -2	Active	VespaHex	13HF9B3JFLOE0	21	78	234
BML's Drone -3	Standby (Service) ⓘ	VespaHex	13HF9B3JFLOE0	500	2,385	890

Manage Drone

Ground staffs can manage drones and see other useful information such as flight hours and statuses from here

Resource Management

Pilots

BML Enterprise

Dashboard

Works

Created6

In Progress4

Submitted

Rework

Closed

Clients

Devices

Drones

Payload

Chemicals

Documents

Settings

Preferences









Team Members

Settings > Team Members

All Role

+NEW MEMBER

Search Client

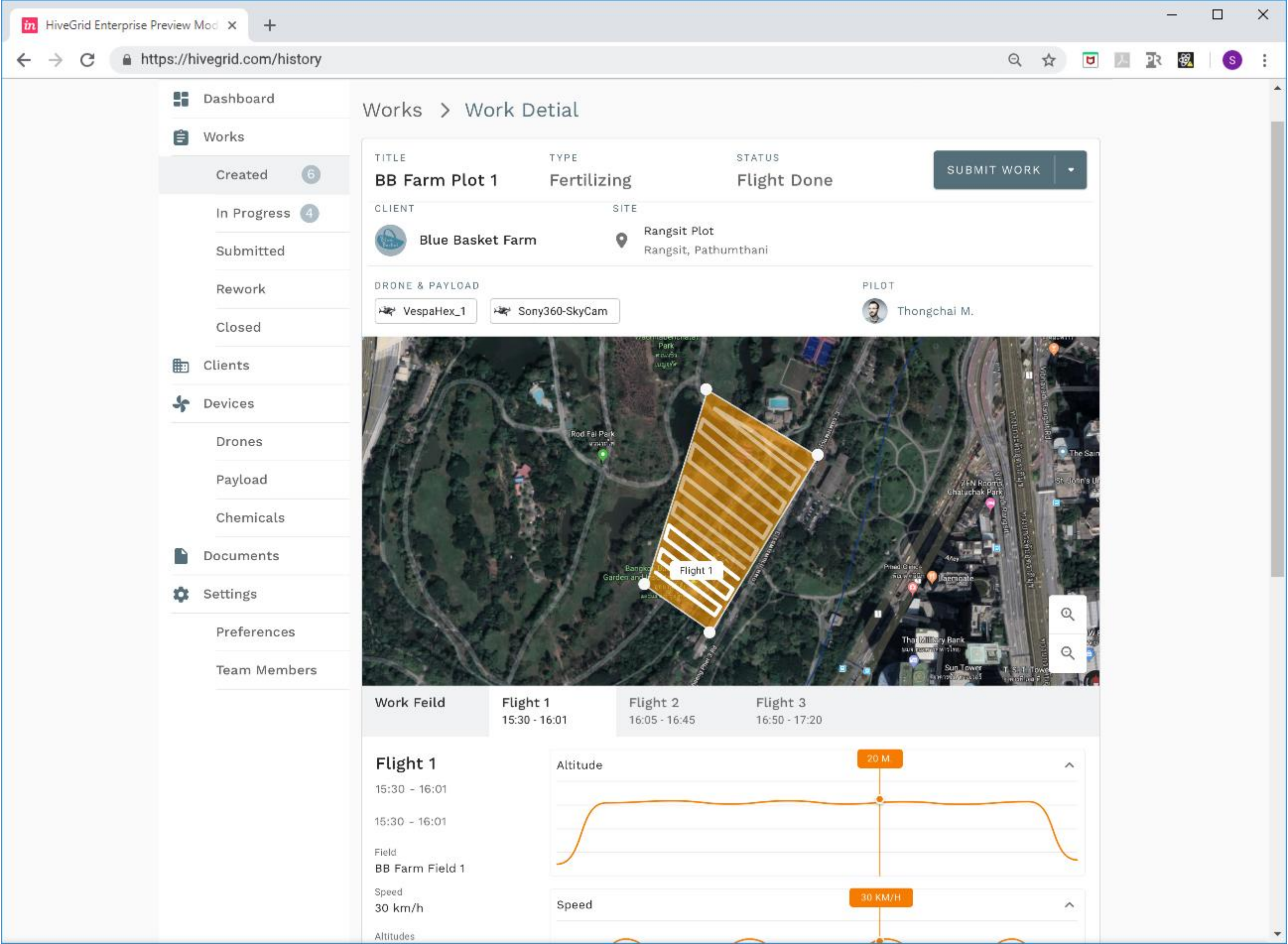
MEMBER NAME	ROLE	CONTACT	
 Thongchai M.	Administrator	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Ground Staff	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Ground Staff	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Ground Staff	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Pilot	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Pilot	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Pilot	thongchai@boonmeelab.com 081 - 234 -56789	...
 Thongchai M.	Pilot	thongchai@boonmeelab.com 081 - 234 -56789	...

Manage Pilots

Ground staffs can see and manage pilot information.

Flight View

Flight Detail



Log Viewer

View the flight log information. Log can be viewed in real-time or anytime after the flight