

# Jarraipenus MONITORING CENTER SYSTEM

# Technical Specifications

#### Visual Detection Integration Module

- Able to integrate CCTV installed
- Connect to Video Analytics system

#### Geolocation Integration Module

- Able to integrate spatial data into the monitoring center for decision making
- Connects to other Smart Campus systems



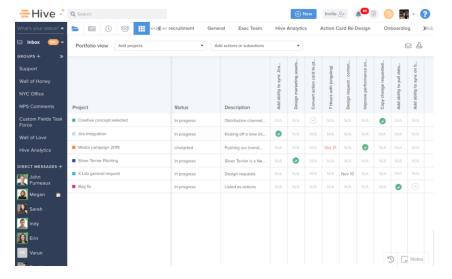
# **Technical Specifications**

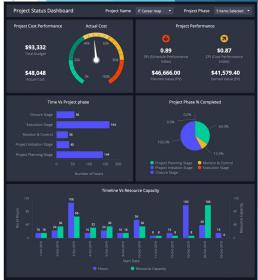
#### Tables and Reporting Module

- Able to integrate reports related to academics and learning from various Smart Campus systems
- Connects to other Smart Campus systems

#### Chart Integration Module

- Able to integrate and display the executive dashboard into the monitoring center
- Connects to other Smart Campus systems





## Camera Integration Module

Integrate all CCTV cameras that are in the environment Technical specifications:

- Is a unified platform for integrating all cameras in the environment
- Connected in a unified database for analysis and further processing

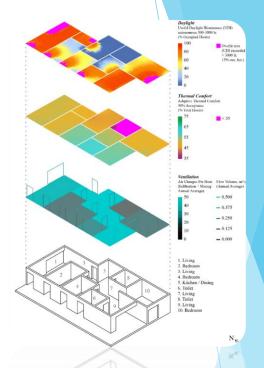


## **Spatial Dashboard Integration Module**

Displays CCTV information and other data in the form of a map (spatial) making it easier for the monitoring and analysis process.

#### Technical specifications:

- Able to display data related to education and academics in the spatial dimension
- Connected in a unified database for analysis and further processing





### COMMAND AND MONITORING INTEGRATED SYSTEM

The Command and Monitoring Integrated System application is here to provide convenience in managing all activities in the military environment. This application can monitor activities inside and outside lectures via CCTV making it easier to get information on activities in each building and the data is stored on the server. In addition, this application is able to integrate reports related to academics and learning from various Smart Campus systems in the military.

#### **Visual Detection Integration Module**

- It is a unified platform for integrating all security cameras in the environment and simultaneously performing and recording the analytical results
- Connected in an integrated database to be analyzed and other processes further

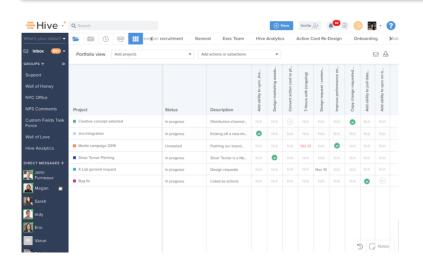




#### **Geospatial Integration Module**

- Able to display data related to education and academics in a spatial dimension
- Connected in an integrated database to be analyzed and other processes further

#### **Tables and Reporting Module**





- It is a platform for combining various types of reports in one monitoring center platform
- Connected in an integrated database to be analyzed and other processes further

#### **Chart Integration Module**

- It is a medium for integrating various information and data dashboards for the purposes of facilitating decision making
- Connected in an integrated database to be analyzed and other processes further



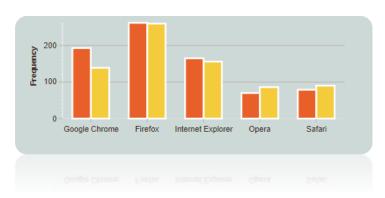
#### **Data Modelling System Module**

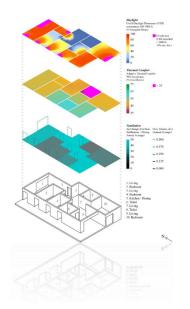


Used to carry out the process of analysis and modeling of data before being displayed on the dashboard. This process includes pivoting, drill-down (detailing), drill-up (summarizing) processes, and other relevant models.

#### **Statistics & Trend Analysis Module Module**

Used to process statistical analysis of existing data, including trend analysis, standard deviation analysis, etc









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