



REDEFINING
TECHNOLOGY,
CREATIVELY



Case Study





What is DataExchange?

Data Exchange designs, builds, owns and operates data centres with modular approach which provides agile and cost-effective data centres built to global best practice standards. Data Exchange can deploy customised data centre capacity to meet your technical specifications and operational requirements.



Tech Stack & Category

Technologies

1. Java 8
2. Python
3. Maven
4. Cassandra
5. Spring Boot
6. AngularJS
7. Hibernate

Category

Internet of Things

URL

<https://dataexchange.io>



Key Features

1. Monitor the performance of all assets present inside the data centre.
2. Monitor the movement & day-to-day activities of the employees.
3. Raise alarm when the device behaves abnormally.
4. Send mail & push notification at alarm conditions.



How it Works?

In data exchange, we can get the data from devices like SNMP, Sense devices, Cameras etc. This data will get push to the Data Exchange application. Using application we can monitor and manage the data. e.g. If temperature goes high then it will raise alarm which will be shown in monitoring dashboard, also it will send notification on mail and Android mobile application of Data Exchange. Data Exchange mainly contribute to monitor the critical situation in Data Centers.

There are 3 main users of the system:

1. System Admin
2. Tenant Admin
3. Customers





Thank You!