

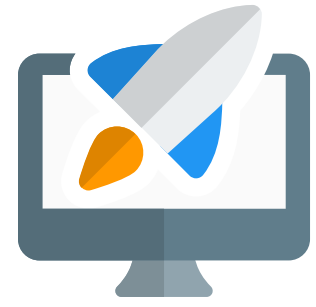
# Global Digital Platform

With 20 subsidiaries, 8 languages, and 5200 employees, managing communication in a global technology group is a massive challenge. In order to create a standardized digital platform that increases collaboration among all internal and external users, the organization needed an open, flexible, and user-friendly solution that has easy login, personalization, and decentralized maintenance.

## About client :

The client is one of the global leaders in the construction and mining business since 1958. It's \$1 billion-plus global organization has 5200 employees spread across 92 countries. Client manufacture machines that are used for a range of applications including civil engineering, mining, tunneling, precast factories, large-scale industrial projects, and power stations.





# BUSINESS REQUIREMENTS :



The Portal should have a public site for customers and an intranet for employees.



The Portal should have a single sign-on feature so that employees can log in to the intranet using the usual PC password.



The Portal should support multiple languages (12 languages). New languages should be added to the Liferay ( if it's not there in Liferay ).



There should be separate site for each geographic region : -

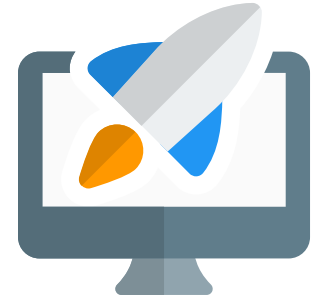
- Content publisher will publish content under geographical region site.
- Geographical region site's default language should be selected when user navigate to particular region site.
- Each region site should have different home page containing banner, news, success stories, products and many more

## Quick Facts :

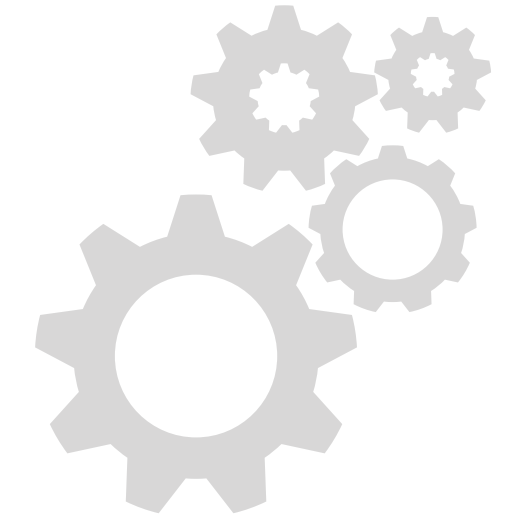
“ Industry:  
Manufacturing ”

## Benefits Delivered :

- “
- Reduces Costs
  - Enhances Security
  - Improves Decision Making
  - Increases Flexibility
  - Boosts Innovation
  - Enhances Sustainability
- ”



# BUSINESS REQUIREMENTS :



CSV Import capabilities needs to develop so that products and applications can imported to portal.



- Job & Career related features needs to be developed
- Content publisher can publish the job. Workflow should be implemented on Job Publish process.
  - Candidates can view jobs and apply for them. Workflow should be there which should be activated after candidate apply for job.



Contact US form needs to be developed which pass right context to admin when user submit the form.



Product list and detail pages needs to developed.



News list and detail pages needs to developed.



Success story list and detail page needs to developed.





# KEY FEATURES :

- The single sign on functionality that portal has implemented proved to be a key feature of the new platform. Every user can now login with his or her usual PC password, and smaller companies that lack a central IT team can register with user accounts. All profile and contact data is saved separately. This way, Portal has access to an accurate contact directory of all employees worldwide.
- Liferay Global site and child site structure is leveraged to enable content sharing from global site to child site.
- New language support is implemented into Liferay Portal.
- The Portal provides excellent security of data and also provides robust & reliable storage facilities.
- Admin Panel configuration were developed to configure social media page links.
- News List, Product List, Application List, Success Story List features are implemented.

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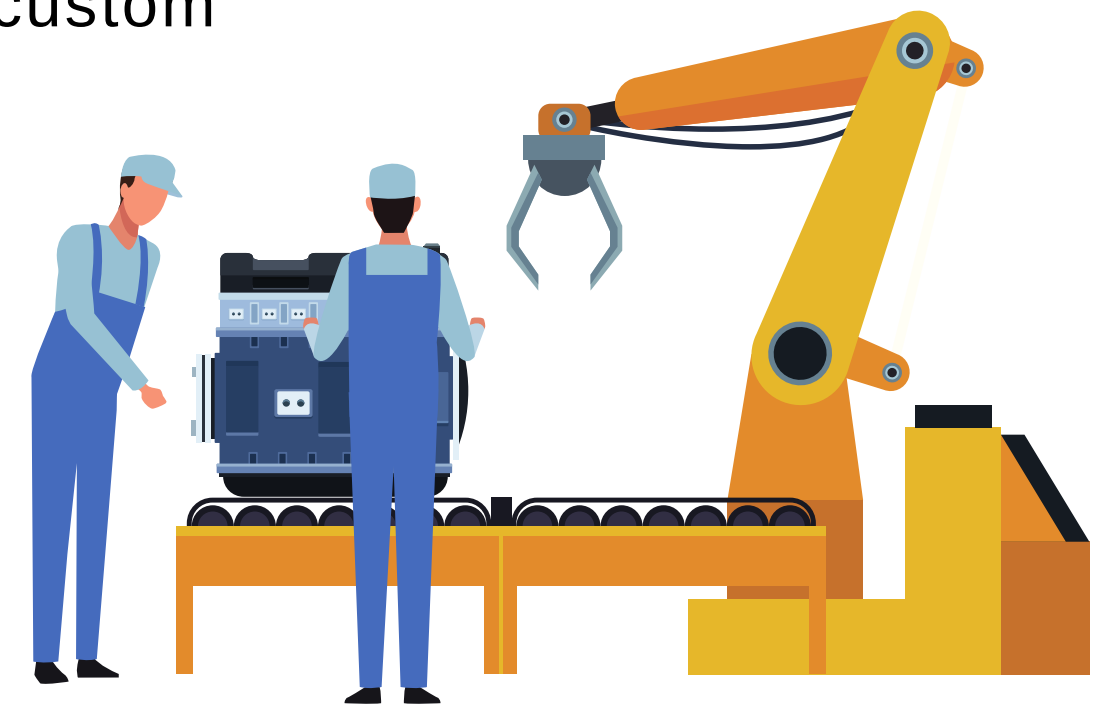
"Ignek Infotech was a pleasure to work with for our manufacturing company's Liferay portal development project. They took the time to understand our unique needs and delivered a high-quality web portal containing public site and intranet both that has exceeded our expectations. Their team was always responsive and professional, and they made the entire process easy and stress-free. We highly recommend Ignek Infotech for any Liferay portal development needs!"

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# KEY FEATURES :

- News Detail, Product detail, Application detail, Success story detail page are implemented.
- Social Media sharing feature is implemented so that user can share public pages on social media.
- Custom workflow is implemented on Job Application post.
- Contact Us and Job application submission is configured with a custom multilevel workflow.





# SOLUTION/ TECHNOLOGY USES:

1

## Liferay DXP 7.4

- Leveraged Liferay's global and child site capabilities and also enabled content sharing between them.
- Leveraged Liferay's language capabilities.
- Webcontent, category and tags capabilities were used to support News, Success Story, Job Applications.
- Product and Technical details pdf were managed inside Document & Media Library. Product images are being kept inside Document & Media library.
- Developed custom module to display Product List, Application List, Product detail page, Application detail page.
- Implemented system and instance level configuration as per business requirements.
- Liferay's search widgets used to support Job Application and Career related features.
- Liferay's service builder capabilities is used to persist and fetch custom data.
- JAX-RS Rest API by Rest builder were developed to expose portal's data.

2

## reCAPTCHA

It is used while registration and login protect the portal from spam and abuse.

4

## JAX-RS web services

We have developed Rest APIs so that other platforms/software can consume certain data.

3

## iText library

We used this library to generate the PDF containing product's data like description, key features, technical details, configuration.

5

## SMTP

A mail server's configuration protocol to implement Email notification.



# SOLUTION/ TECHNOLOGY USES:

6

## Google MAP API :

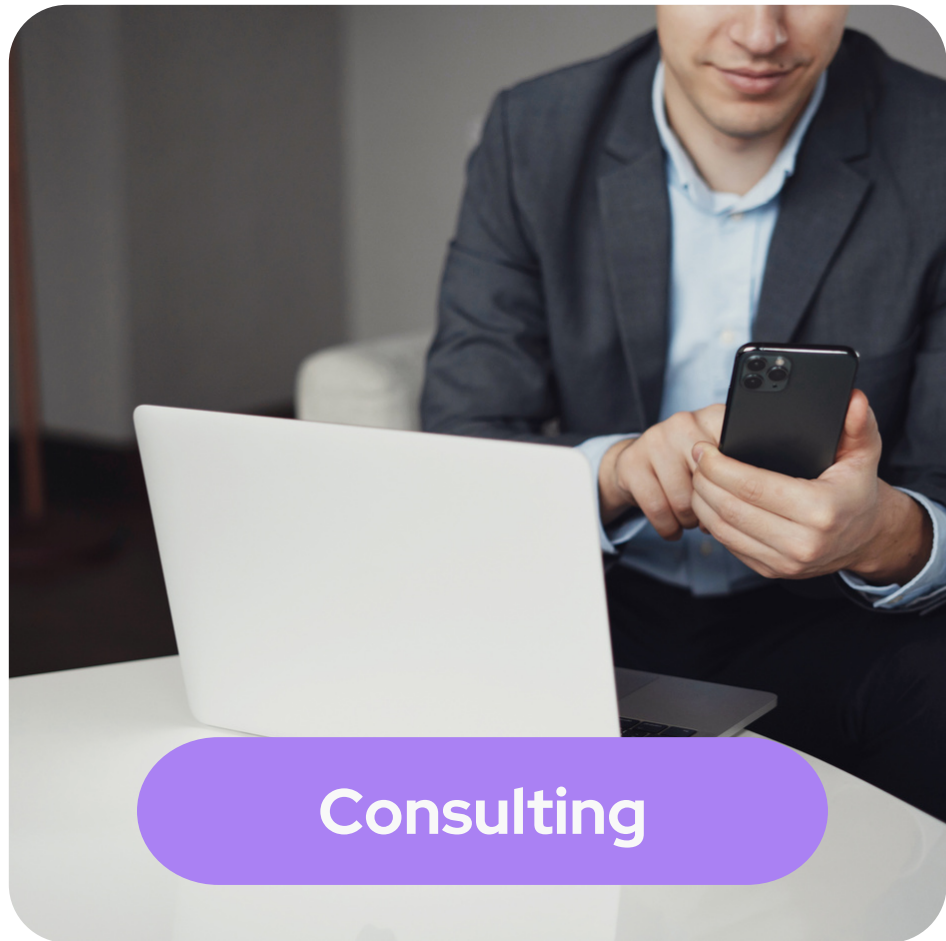
- API is used to display dealer detail according to region selected.
- API is used to pin multiple location with details on google map details to region selected by user.
- API is used to display google map to provide intuitive user experience so that it will be easy for user to find product and dealer details.

7

## Elastic search

Used to improve performance.





Consulting



Development



Quality Assurance

# Our Strength

Driving Digital Transformation





# Contact Us

Because, we're here to help



## Address

C-1205, Ganesh Glory 11, Jagatpur Road,  
Gota, Ahmedabad, Gujarat, India.



## Telephone

(+91) 932-849-5160



## Email

[info@ignek.com](mailto:info@ignek.com)

Thank You