addact

Sitecore upgrade 8.1 to 10.1 version

Global leader in industrial optimization software

Executive Summary

Our client is a global leader in asset optimization software helping the world's leading industrial companies run their operations more safely, efficiently, and reliably – enabling innovation while reducing waste and impact on the environment. We upgraded Sitecore old version to newer version and full capability of Sitecore features.
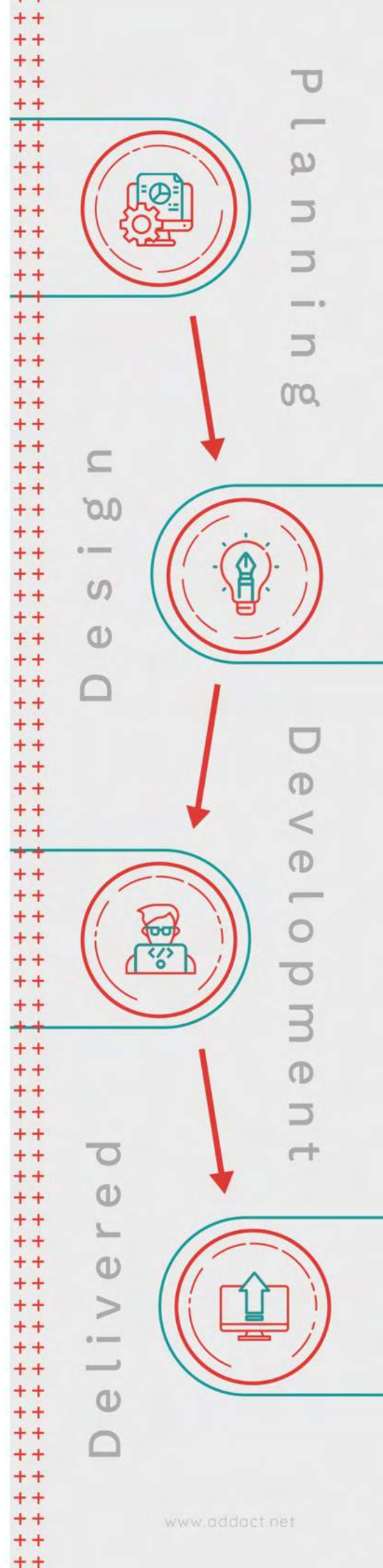
About the Client

The client is the global leader in industrial optimization software, with over 1700 employees and more than 30 locations worldwide. Company purpose-built technology products automate work in capital-intensive industries and build competitive advantage by delivering high returns over the entire asset lifecycle. Client software accelerates and maximizes value gained from digital transformation initiatives with a holistic approach to the asset lifecycle and supply chain.

Business Problem

The client takes care of many Digital initiatives and has rich experience in CMS. CRM, and many others. They were looking for the Sitecore up-gradation where they faces site performance issues, website content is not in the proper format, SXA & new features were missing in older Sitecore 8.1, along with the website architecture, infrastructure is not properly aligned as per the Sitecore standard. Their content author also facing the issue to manage the content and it's a very tedious task to changes small content in CMS. They are not able to use personalization and other market automation features.

Addact Engagement

Addact has been into B2B collaboration with the Digital Agency. As a Technology Partner we started from requirement gathering, communications, technical support to delivering the desired results to the end client.

Planning

Design

Development

Delivered

Technology Landscape

Sitecore
- Upgrade Sitecore 8.1 to Sitecore 10.1

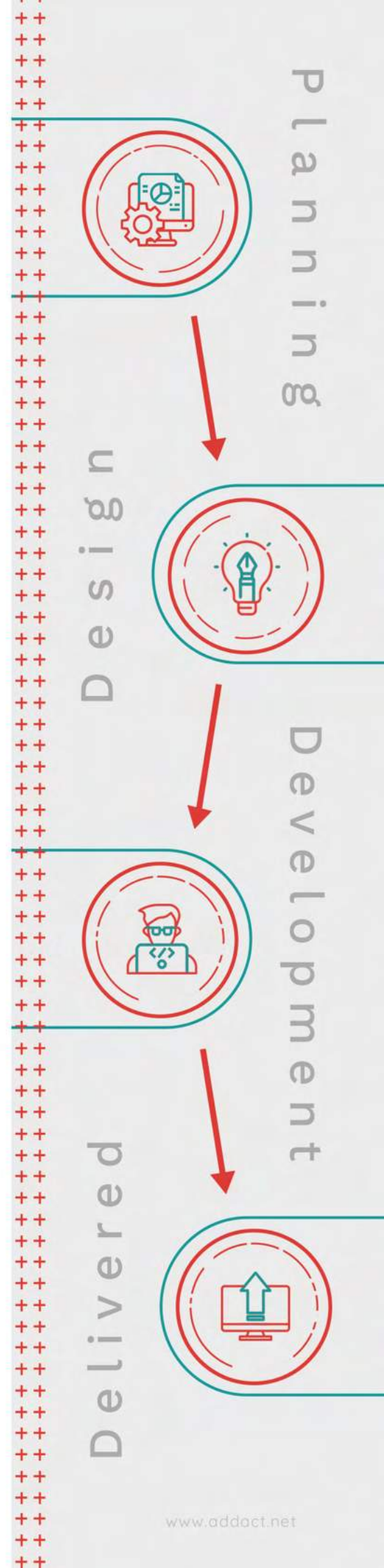### TDS
- Glass Mapper
- Salesforce
- Searchstax

Azure Devops

Addact's Approach

- **Version Upgrades:** Upgrade Sitecore 8.1 to 10.1 version

- **Performance Improvement:** Web page loading improved, Sitecore CMS performance

- **Code Refactoring process:** SOLR search query optimized, removed junk and commented code, structured changes based on helix principles

- **New features to integrate & merge with the older ones:** Implemented CI-CD pipeline, Sitecore single sign-in using active directory, migrated module like redirect manage, Site map, Robots.txt and blog subscription, All workflows, Custom API, Pipeline schedule.

Solution Highlights

- Successfully Upgraded Sitecore 8.1 to 10.1 Version

- Migrated all content/media to new Sitecore version

- Product page loading improvement

- Established Seamless deployment & Development processes with CI/CD Pipeline

- Zero downtime release using Blue-Green deployment

Planning

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- Implemented Azure AD - SSO Login in Sitecore 10.1

- Search categorized based on facets filter, helped in improving the performance

- Implemented SOLR in local solution and Searchstax on azure server.

- 40% website performance Improved with the upgradation.

- Properly Assigned workflow

- 30%+ ROI increase

What the Client Loved

- Leverage newest features of Sitecore and take advantage of profiling and personalization

- Increase efficiency based on the new improved workflow processes

- Faster, rapid and more reliable deployments

- Take benefit of new Sitecore version Experience Editors or use Horizon

- More in-depth campaign management and its integration with EXM

- Streamlined Experience profiling and easy to implement SSO features with Azure

- Easy to manage and configure multisite architecture

- Take advantage of high-performance Azure PaaS infrastructure

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Contact Us

Case Study | Global leader in industrial optimization software

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