

CASE STUDY

Cisco.com AEM Integration and Migration

BACKGROUND

Cisco Systems needed its Cisco.com website consolidated into one system, as opposed to the three it was previously operating under. As the worldwide leader in networking, Cisco needed to streamline the three systems into an AEM, which required a large-scale migration while architecting a complete compatibility design.

6D Global was called upon to provide the expertise and knowledge to design and implement the underlying infrastructure, assist in development of migrating complex components, and transfer knowledge about developing and designing best practices within AEM to the existing development team. In addition to this, the deployment process needed a complete overhaul for compatibility with AEM.

CHALLENGE

Cisco.com was spread across three different systems, and each site functioned differently than the others. Each system was added as new functionality and new requirements were constantly introduced that the previous systems could not meet. A new system was needed to incorporate all the functionality of the three systems under a single platform.

6D Global provided the expertise and knowledge to design and implement the underlying infrastructure, assist in development of migrating complex components, and transfer knowledge about developing and designing best practices within CQ to the existing development team.

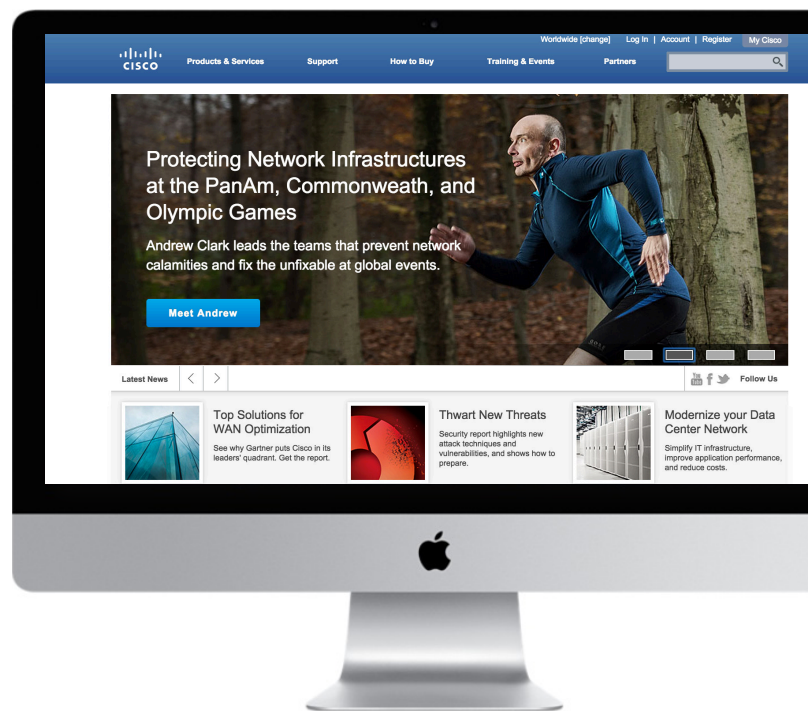
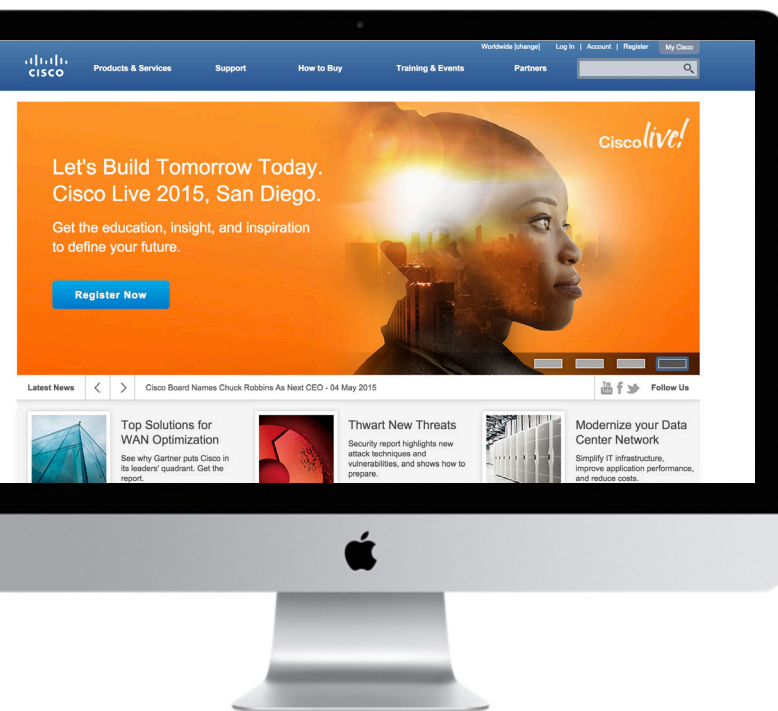


PROJECT

Cisco streamlines three websites to one with 6D Global advising design and implementation

SERVICES

TECHNICAL ARCHITECTURE,
PROJECT LEADERSHIP,
CMS DEVELOPMENT,
INTEGRATION, MIGRATION,
TRAINING



SOLUTION

6D Global included a Solution Architect to act as Functional Lead for the design and implementation, migration and training. The underlying infrastructure was mapped out after an in-depth analysis of the traffic patterns of both authors and end-users, which was an extremely large amount.

After backup and restore plans were delivered, development began using agile methodology. 6D Global advised, assisted and transferred knowledge to existing developers when they encountered roadblocks or knowledge gaps in their AEM work stream. In parallel with development, the deployment process was being designed. This involved integrating AEM with GIT, Maven, and Vault to deploy deliverables.

To properly define an underlying infrastructure, an in-depth analysis of the current traffic patterns of both authors and end-users was required. Based on the traffic levels observed from those groups, the proper structure of CQ instances was determined. There were challenges met and overcome through the course of infrastructure design. Once the environments were configured, the next step was to document a backup and restoration plan for CQ. With the complex infrastructure setup above, 6D Global delivered a step-by-step document for administrators to follow when problems

RESULTS

The deployment process was completely overhauled for compatibility with AEM. AEM implementation incorporated all the functionality of the existing three systems under one platform. Cisco received a step-by-step document—delivered by 6D Global—to be followed as a troubleshooting guide and to deal with issues as they arise.

Cisco knew that consolidating systems would benefit Cisco.com for greater functionality in the future. By engaging 6D Global and deciding to completely overhaul the three systems, ease-of-use increased by unifying under one platform. As a global leader in effective communications, Cisco is poised to continue in that capacity, thanks to undertaking necessary improvements like this unification project done in tandem with 6D Global.