Kentico

HP News Now (HPPN)

BlueModus

10 million
page views per month

Background

Hewlett Packard Enterprise (HPE) is an enterprise-focused organization with three divisions: Enterprise Group (servers, storage, networking, consulting, and support), Enterprise Services, Software and Financial Services. With over 150,000 employees, HPE is one of two new publicly listed Fortune 500 companies created from a split from the original Hewlett-Packard organization, completed on November 1, 2015.

Goals

HP was in need of a site that could serve as an internal employee portal as well as an intranet dashboard and news site. The primary objective of this project was to give corporate communications a means to share critical information with HP employees, as well as give employees instant access to key information they needed, customized for their individual jobs.

Challenges

Some challenges of this engagement included the need for a platform that could support an extensive number of integrated systems, high-volume traffic, and a complex tile-based interface that could be updated in real time and customized by each individual user within the company.

HP also desired a portal solution that could support a captivating multimedia experience for its employees. This project was a major dev-ops engagement, arising in part from the need to support distributed development within a massive team from multiple companies over many months.

Solution

A driving force behind the selection of Kentico was its extremely flexible architecture, which was especially critical for the home page of HPNN with its user-driven, tile-based interface. Each tile is configured and populated based on user roles and individual preferences. Individual users can select additional tiles they wish to have access to, remove existing tiles, and rearrange content to their liking.

All tiles are updated in real time, and instantaneous two-way communication is provided through web sockets/SignalR. The system was built to be extensible, to support additional internal systems and new functionality. EMS workflows are used for triggered messaging, content approval, and distribution workflows.

The portal leverages Kentico's content management tools to provide compelling video, text, and audio content to users. Kentico's versatility

in integrating multiple supporting technologies was another advantage used by the team.

Systems integrated into project

- Kentico EMS Web Farm
- Centralized authentication through HP's ID systems
- AngularJS
- SignalR
- C#
- OWIN
- Nancy
- Redis
- Hangfire
- RavenDB
- SQL Server
- RabbitMQ
- Atlassian Stack for source control and continuous integration

Custom extensions

- PEON (Portal Engine Object Nanny): Custom file-based content staging so that new templates can be stored in source control and deployed through continuous integration.

Results

The HP News Now portal content encourages (and receives) comments and interaction across the HP organization, and it has greatly improved the ability of the corporate communications team to share critical information with HP employees in a timely fashion. According to the HPNN Story Effectiveness Index (SEI = [shares] + [comments/10] + [likes + dislikes/50]), HP saw a six-fold increase in SEI year over year. HP News Now also gives employees instant access to the customized key information they require without the need for the major additional overhead costs of previous solutions.

The portal is the default browser home page on every HP employee's computer and regularly sees over 10 million page views per month.

Site Statistics:
- Over 150,000 HPE employees have their own personalized intranet page.
- There are over 100 content editors and contributors.
- The site contains 7,900 Kentico pages.
- Page views per month: A peak of 14 million and sustained traffic of 10 million.

- Site traffic: A peak of 3.2 million page views at launch and sustained traffic of 1.5 – 2 million.
- A peak of 2.5 million unique visitors at launch and sustained traffic of 1 – 1.7 million.

Key Criteria for Choosing Kentico

Kentico was selected as the most customizable, flexible platform available to suit the needs of this project.

Additionally, Kentico could handle the large list of integrated technologies, and its extensible nature allows for the continuous growth of the site in both size and new features.

Kentico's content management toolset's ability to provide relevant media to users seamlessly was also a great differentiator for the platform.

BlueModus

The top Kentico Gold Partner in the United States, BlueModus® is a full-service technology agency with offices across the US. We serve marketers of all types. Whether you're with a digital or traditional agency, a global company or a service provider, you can count on us to deliver the technical expertise you need to build digital brands.

EXPERTISE
Come to us for all types of Kentico projects. We've earned the credentials of Kentico Quality Expert (the first in North America), Development and Integration, Intranet, E-commerce, and Online Marketing.

EXPERIENCE
Rely on our certified developers to get any project done—no matter how straightforward or complex. Since 2005, we've built hundreds of websites on Kentico, including projects for twelve Fortune 500 companies and leading agencies like Edelman and Organic.

CUSTOMIZATION
Get a solution that does exactly what you want. Our marketing technologists specialize in customizing, extending and integrating Kentico with other services. No challenge is too big.

SERVICES
Take advantage of end-to-end technical services, from strategy to development and infrastructure to ongoing support. We'll help you plan, implement and manage custom platforms to power any digital presence.

COMMITMENT
Engage an agency that's in it for the long haul. Whether we build a new

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solution for you or refresh a site you already have, you can depend on us
to help you maintain it across every stage.

PASSION
Work with a team that lives for technology—and believes in its potential
to do anything. Out senior technologists are big-brained and super-skilled,
so you'll love having us at the table.