

Casa Systems Empower PLM: “Perfect Choice” for Growing Ultra-Broadband Solutions Company

Customer

Casa Systems offers a new category of cable edge devices. Based on disruptive technologies, their products help cable operators address the growing market opportunity in interactive digital video and broadband IP services over cable networks. Casa Systems’ innovation completely changes the economics of provisioning new services over HFC networks. By reducing initial capital expenditures and generating savings on ongoing operational expenditures, their products create the best path for cable operators to roll out new digital services.



C100G. The industry’s first fully integrated Converged Cable Access Platform (CCAP).

Challenge

Managing Bill of Materials and Engineering Changes in Excel Spreadsheets

Casa Systems had a manual Bill of Material (BOM) and change management method in place where everything was tracked in Excel spreadsheets. Communication with their Contract Manufacturers was also performed via Excel. Change notices were created by the purchasing/configuration manager, rather than engineering. They did not have a formal change control process in place which led to the inevitable issues of accountability, delays and lost information. The company was growing incredibly fast and they needed to quickly find a solution to address their issues.

Goal

Electronic Change Management System with Integration to Mentor Graphics® DxDesigner

Casa had a set of criteria in selecting a BOM and Change management solution. Like most small yet growing companies, they wanted an intuitive, easy to use and affordable product that would scale with them. But their primary requirement was that it integrated with their DxDesigner tool from Mentor Graphics.

“I was hired with the expectation of finding a change/product lifecycle management system,” stated Kristin Couturier, Documentation Control Manager/ISO Administrator for Casa Systems. “I had previous experience with these systems so I knew what I was looking for and after seeing a demo on Omnify Empower I knew it was exactly what we needed.”

Quick Facts:

Company: Casa Systems

Industry: Ultra-Broadband Solutions

Key Benefits:

- Easily transitioned from Excel spreadsheets to automated product development processes
- Implemented in two days
- Full adoption within one month
- Gained efficient electronic BOM and Engineering Change Management processes
- Eliminated issues with accountability, delays and lost information
- Integration with **Mentor Graphics DxDesigner**
- Affordable and scalable for growing company
- Hosted deployment eliminates server maintenance



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Casa Systems

Customer Success

New and Improved BOM, Document and Engineering Change Processes

Ms. Couturier, along with the engineering team, made a unanimous decision to purchase Empower PLM. They found the product to be very intuitive, allows easy access to necessary product information, integrates seamlessly with their engineering design environment, and offers a price that is right for a small company. "The key selling point for us was that Empower PLM talks to our engineering design software, Mentor Graphics DXDesigner," stated Ms. Couturier. "With other PLM systems it was an additional module at an additional cost."

"Because the schematic drives practically everything on our BOMs, we don't even mark them up when making a change because the instructions for the change are in the ECO. Once the new schematic is uploaded, Empower automatically compares it to the existing revision and automatically redlines the BOM and everyone here loves that feature. We are very happy we chose Omnify Software. It was the perfect choice for us."

-Kristin Couturier, Documentation Control Manager/ISO Administrator, Casa Systems

Hosted Solution Eliminates IT Overhead for Small Company

Omnify offers both on-premises and hosted deployment options to meet customers' specific requirements. Casa opted for a hosted deployment in order to eliminate the overhead of managing the system themselves. "We have been very happy with our hosted instance of Omnify," stated Ms. Couturier. "We found it better to have a cloud-based system so we don't have to worry about a server to maintain, and we like the fact that upgrades can be done remotely."

Because the company was growing they wanted the implementation to go as quickly and smoothly as possible. They decided to start with a clean slate and only import components and their Approved Vendor List (AVL) as well as current BOMs and their revisions rather than the complete change history. Their local Value Added Reseller, [Trilogic](#), worked closely with the team at Casa to make sure they met their timeframe goals for implementation. Casa was up and running in two days with everyone using the system fluently within a month.

Casa now has automated BOM, Document and Engineering Change processes. Automated Engineering Change Notices (ECNs) alert users of a change in real-time and users can easily see a summary of all redlines on the BOM. "Because the schematic drives practically everything on our BOMs, we don't even mark them up when making a change because the instructions for the change are in the ECO," stated Ms. Couturier. "Once the new schematic is uploaded, Empower automatically compares it to the existing revision and automatically redlines the BOM and everyone here loves that feature."

Scalable Solution Grows with Casa

Casa chose a phased implementation approach to address immediate requirements and is now in the process of extending the usage of Empower by creating a bi-directional interface with their Enterprise Resources Planning (ERP) system, Microsoft Dynamics GP. Casa is working on a two-way interface between their hosted Empower PLM system and their on-premises ERP system to facilitate automated, electronic data exchange between the two systems. As Items are created and ECOs are processed in Empower, data will be transferred to Microsoft Dynamics GP through an automated process, further reducing the potential errors associated with manual data entry. "We are very happy we chose Omnify Software," concluded Ms. Couturier. "I continually find ways to make the system more effective for our needs and it was the perfect choice for us."

About Omnify Empower

Omnify Software provides a single, secure location to manage the complete product record including: product data, bill of materials, engineering changes, product documentation, project, quality/CAPA, and training records information. The Omnify Empower system enhances visibility into the entire product development process by capturing design, manufacturing, quality, service, and customer information and associating it to the product record. Omnify Empower is a business-ready solution that is easy to use, quick to implement and can be deployed on-premises or in the cloud.