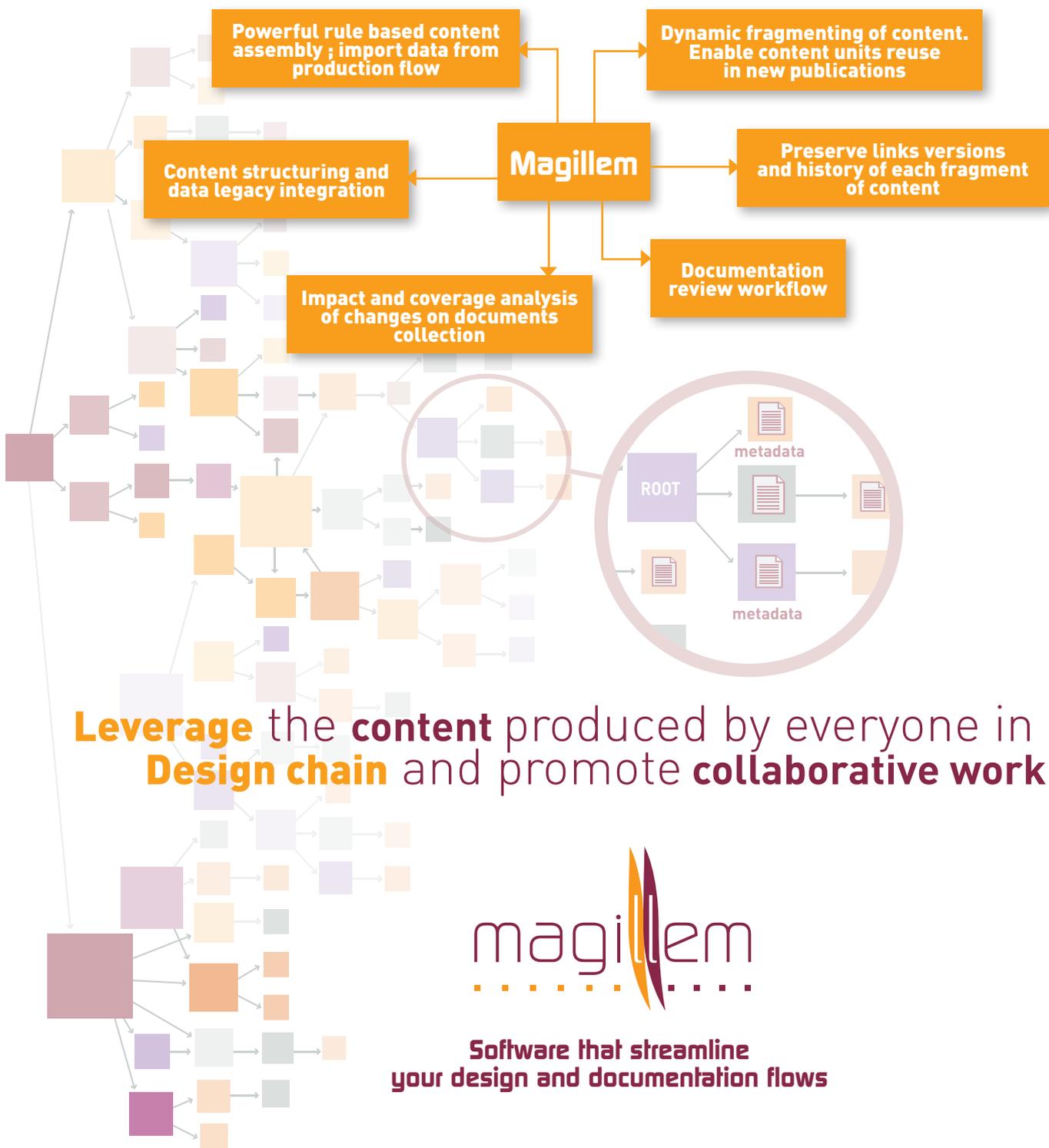


Technical documentation
integrate the entire publishing
process to your production flow



Leverage the **content** produced by everyone in the **Design chain** and promote **collaborative work**



**Software that streamline
your design and documentation flows**

Martin S.

Technical documentation manager

Semiconductors
Leading Company:

« We reduced technical documentation production costs by 50 % while improving our response time and accuracy! »

Magillem Content Platform

→ Automate your document production process using a publishing process using scripts or GUI

→ Manage the assembly of diverse content and construct hybrid documents while preserving the history of each fragment

→ Track impacts and analyze coverage of any modification in source content measure the consolidation work required for documents collection

→ Provide workflow and tools for documentation review Allow traceability on the whole documents collection

About Semiconductors Industry

Semiconductors Industry designs and markets System-on-Chip platforms (SoC). SoCs contain in a unique highly integrated component all electronic circuits required to build an entire system offering all features for a dedicated purpose such as 3D video, GPS, wifi communication. SoCs save space and power while improving speed and performance. Designing a SoC amounts to produce a huge mass of files and documentation : hundreds of thousands of linked files and thousands of technical content documents. Our customer is a key supplier for industry leaders which include mobile operators and device manufacturers, it is actively engaged with most of the twenty largest OEM manufacturers.

Before

Customer used a variety of publishing tools (Epic, FrameMaker, MS word), heterogeneous models and templates; the supervision of document production processes was fragmented due to the use of different versions of editing tools. Significant difficulties and hurdles were insurmountable when Documentation Managers had to update a specific version of the coherent and complete set of documents related to one product release! More generally, the life-cycle management of technical documentation was a headache for all design and production teams.

Goals

Customer's goal was to upgrade the internal document production in order to improve the quality of content library and its responsiveness in delivering technical documentation. One of the requirements was to allow dynamic content controls to ensure coherence with R&D content, to guarantee integrity and to handle control of different levels of access as per the various confidentiality levels. The implementation of an XML publishing process met all of this customer's expectations.

Solution

The implementation of Magillem Content Platform allowed document production processes to be progressively migrated to industrial publishing methods without the inconvenience of abandoning existing tools. The major contribution of Magillem Content Platform was to rationalise, secure and automate document production. "The functions offered by Magillem software include modelling and structuring the "network of content", and navigating through documents with multiple views and adjustable resolution: it makes a major improvement to our technical documentation process. Identifying the impacts on the documents collection caused by the evolution of content fragments and assembling existing fragments into new publications while preserving all previous links and cross references history become simple, making document production more dynamic.

After

Magillem Content Platform has led to savings up to 50% in the cost of producing technical documentation for the customer's products while significantly improving responsiveness and quality of technical documentation. It has also increased end-customer satisfaction which has directly contributed to better pre and post-sale relationships and business for our customer.