

The SMART Visual Collaboration Solution

With powerful software, featuring innovative unbound workspaces, and industry-leading interactive displays, you have everything you need to transform collaboration.



The Manufacturing industry has seen a rise in competition, putting pressure on companies to find new ways to effectively communicate with skilled laborers and engineers located all over the world. Analyzing and visualizing complex data while getting teams connected and collaborating at all stages of a project is essential to the effectiveness of the development cycle.

With SMART, you can bring everything from a simple product design in an early project stage to computer aided drawing files into the discussion and freely mark up the content, capturing every critical detail.

Visualizing data to streamline local and remote decision making

The SMART Solution allows all team members, regardless of location to collaborate together, to work with visual data and to make proactive, informed decisions in the early stages of a project. This allows teams to streamline project development cycles and to reduce time to market.

Seamless integration with applications

Integrate over a variety of industry-leading applications to capture input from all team members and share pertinent details to make key decisions.



Adobe Illustrator



Dassault Systèmes
SolidWorks



Autodesk
AutoCAD



Microsoft Project



Microsoft Visio



Adobe Acrobat

The SMART Solution is used every day by leading Manufacturing organizations for:

Product Design & Design Review

Bring key visual content into your group reviews for design, engineering, manufacturing and marketing teams. From conceptual design to product launch, capture critical input from the entire team.

Process Management

Review, monitor and correct production processes in real-time by allowing stakeholders the ability to bring up workstreams on large displays and identify process breaks.

Supply Chain Management

Joint planning and coordination sessions between suppliers, customers and supply chain partners allows everyone to visualize real-time data from inventory quantities, schedules and market intelligence.

Benefits of SMART:

- Improves communication among local and remote teams, increasing decision making and reducing cycle times
- Works directly with 2D and 3D models to identify design issues in early project stages and get buy-in on the resolution
- Increases local and remote productivity and keeps all teams up-to-date at all stages of the project

More information at smarttech.com

Which SMART Visual Collaboration Solution is for you?
Use the configuration tool to find the solution that fits your needs.
smarttech.com/configurator



PSA Peugeot Citroen

Vehicle Manufacturing Company

Collaboration that brings immediate ROI

PSA Peugeot Citroën uses the SMART Visual Collaboration Solution to keep their projects on time and on budget. They have received an immediate return on investment thanks to space savings on inventory and reduced travel expenses.

"Space savings [on inventory] alone enabled a less than six months return on investment. Teams are much more efficient and productive. As an example, we have managed to reduce the length of our management meetings by 50%. Personally I am a big fan of SMART."

- Jean-Pierre Dumoulin, Chief Technology Officer, PSA Peugeot Citroën

"Today, we can no longer imagine working without [the SMART Board®]. It gives us a distinct advantage over our competitors regarding visual management collaboration."

- Jean-Pierre Dumoulin, Chief Technology Officer, PSA Peugeot Citroën

More PSA Peugeot Citroen

PSA Peugeot Citroën is a French vehicle manufacturer who has 200 years of industrial history and has sold over 2.8 million vehicles worldwide. Their production facilities aim to manufacture vehicles that meet both the design teams' expectations and customer requirements while complying with cost targets and delivery deadlines.



HARTING Technology Group

Industrial Connector Manufacturing Company

Highly interactive, easy-to-use technology

The SMART Visual Collaboration Solution has become standard equipment in each meeting room and provides optimal cost-effectiveness, helping the HARTING Technology group improve the efficiency of their processes.

"At the Medienplaner-Fachtagung 2007 conference for audio, media and presentation technology and system integration, we experienced the next generation. Before that, we had used conventional projectors and flipcharts, followed by large-format screens. Only SMART Solutions met all our requirements. These intuitive systems now offer us full interactivity and can be used anywhere."

- Günter Behnke, Vice President, Technical Services and Plants, HARTING Technology Group

"Not only was company management visibly impressed by the easy-to-use technology but the product development team asked for the systems because they appreciate the high interactivity. Even more convincing for them was the ability to archive all of the development steps in an uncomplicated way, with no change in format. Documents can, for example, be converted to PDF, printed or quickly and easily sent via e-mail. Now we have a consistent user interface in our company, and all employees benefit."

- Günter Behnke, Vice President, Technical Services and Plants, HARTING Technology Group

"It's so simple. With only a single tool we can meet the company's requirements, from the simple archiving of product development steps to planning a new building."

- Günter Behnke, Vice President, Technical Services and Plants, HARTING Technology Group

More HARTING

The HARTING Technology Group began nearly 70 years ago and is now a global leader in industrial connector manufacturing who has subsidiaries and branch offices in 40 countries and production locations in 14 global locations. Everyday, the company's approximately 3,400 staff work to high standards so that their products will meet customers' current and future requirements.

Global Collaboration Research

Thousands of businesses from around the world have taken part in a global research study (conducted by Filigree consulting and SMART) to share their insights on the value of collaboration. The study shows there are 5 levels of collaboration maturity (see figure 1), based on how an organization approaches collaboration.

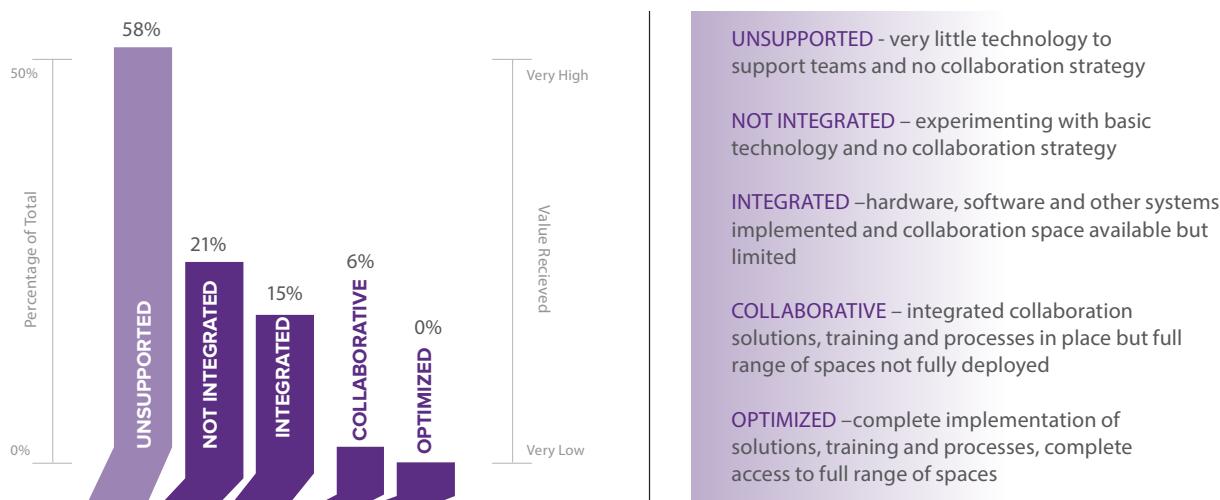
Research findings in Manufacturing

79% of the Manufacturing industry falls into the lowest levels of collaboration maturity. The study concludes that organizations in the Manufacturing industry understand the value of collaboration but don't have a comprehensive strategy in place that includes technology, people and processes.

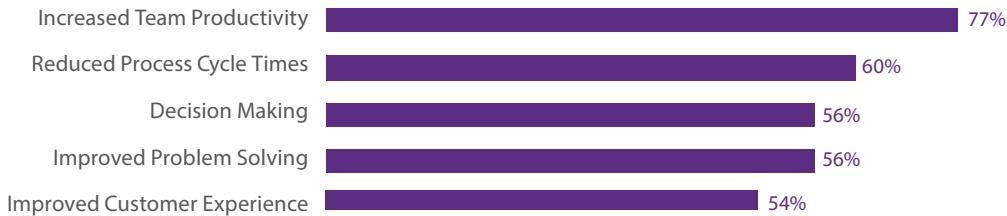
Of the 21% of Manufacturing organizations that are achieving the highest levels of maturity, they have shown to take an integrated approach to collaboration and are therefore more likely to gain a positive impact on a range of business outcomes (see chart below).

| | |
|-----------------------------------|------|
| Reduced Rework and Defects | 4.2x |
| Enhanced Customer Experience | 2.6x |
| Faster Decision Making | 2.4x |
| Improved Meeting Productivity | 2.4x |
| Increased Individual Productivity | 2.4x |

Figure 1: Collaboration Maturity in Manufacturing



Manufacturing organizations that combine best practices and technology with collaboration strategies result in improved business value.



Steps to increase collaboration maturity

Follow these best practices and collaboration strategies to increase how effective your collaboration is:

- 1. Content integration.** The technology available should enable project teams to work on a variety of documents to effectively support any process, whether it's product development, design reviews or supply chain management.
- 2. Process Implementation.** Improving collaboration requires departments and teams to identify where and when group work occurs in their core business processes, and implement procedures and technology that optimize those workflows for collaborative activities.
- 3. Integrated remote collaboration.** The technology should easily connect experts from any location, allowing all team members to share, contribute and collaborate on their results as if they're in the same room. Everyone should be able to share their own documents and notes with the group.
- 4. Collaboration Training.** Teams should have a strong understanding of collaboration practices and skills. This can be implemented through internal multi-generation and behavioral training, changing the collective mindset from just having a meeting to collaborating.
- 5. Usable Results.** Flexible technology should support the entire work process and make it easy to organize, capture, save and distribute ideas electronically.

Assess your collaboration practices today

Take the SMART Inspired Collaboration Assessment at
smarttech.com/inspiredcollaboration

Why take an Inspired Collaboration Assessment?

- Learn why Manufacturing organizations that move from the lowest levels of collaboration maturity to higher levels can realize as much as a 92% increase in productivity, and a 62% reduction in expenses, according to cumulative results, from the assessment
- Receive a technology profile for your organization and learn how specific technologies have a measureable collaboration business value
- Learn why certain organizations consistently score the highest on collaboration best practices and how you can achieve similar results
- Learn to avoid the common mistakes that can reduce the business value of your collaboration investment
- See benchmarking details on how your organization's collaboration compares to other businesses in the Manufacturing industry

Reseller Information
