



understand
communicate
document

SST was founded in 1999 by a team of engineers already operating in the logistics support field (ILS - Integrated Logistic Support) for 20 years, in particular in the following areas:

- Mechanics
- Automation
- Automotive
- Agricultural machinery

Over time, we integrated our traditional services (writing, courses, translations, printing and distribution) with the development of dedicated documentation management and distribution platforms, exploiting the tools made available by the most recent technology to transform paper documents to the formats made possible by the new communication tools.

Our senior engineers have been joined by young resources who have brought a new wave of fresh ideas, their knowledge of new tools and readiness to professional growth by the side of their tutors.

SST employs in-house and freelance writers, translators and technical interpreters, each characterised by dual professionalism, in their respective areas of expertise and in communication and documentation.

GOALS



Our Mission

- Provide support to our customers in the activities ancillary to the product, during its whole life cycle
- Guarantee to customers:

Saving

Optimisation of document generation costs

Image

Creation of tailor-made documents meeting end customer needs.

Quality

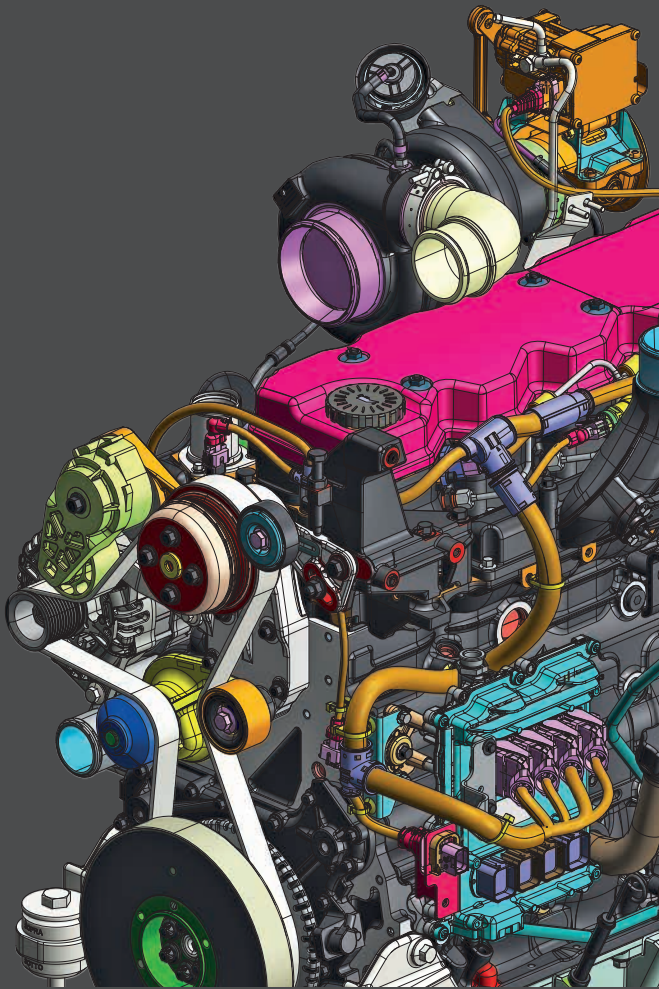
Compliance with corporate and legal regulations, setting up of procedures.

Assistance

Support provided in each development step of the documentation project.

Consultancy

Document management, updating in function of product development and of related legislation.



INTEGRATED PROJECTS

Risk analysis
▼
Technical file
▼
Residual risks

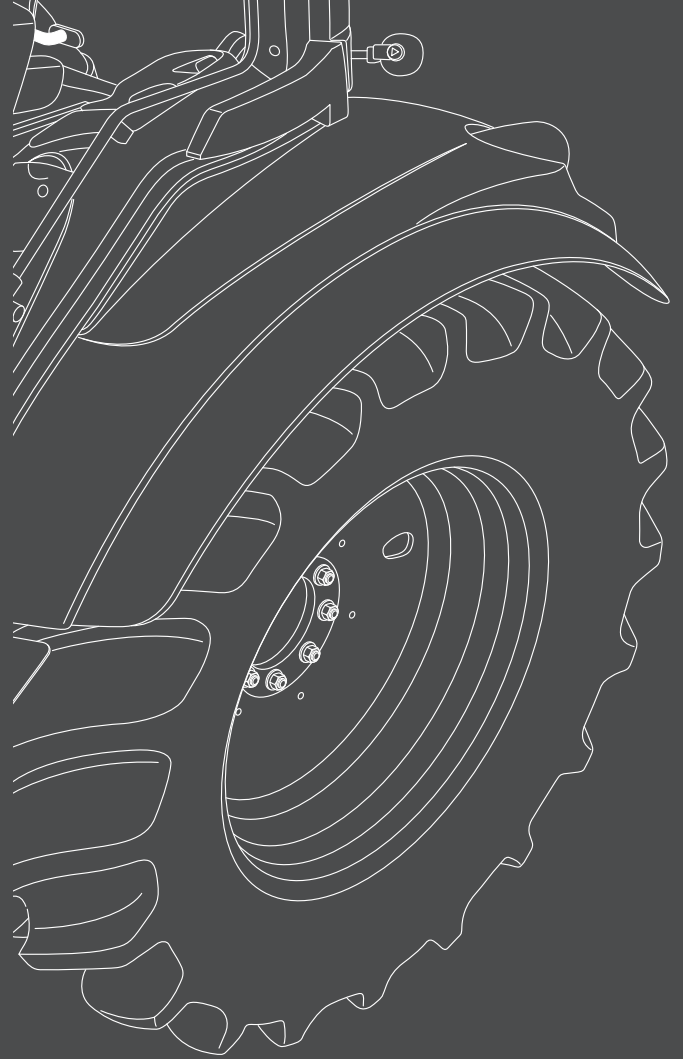
▶ Specific documents
▶ Coordinated corporate image
▼
Document style and contents
▼
XML system creation
▼
Translations

▶ Writing
▼
User manuals
▼
Maintenance manuals
▼
Software manuals
▼
Spare parts catalogues

▶ Training
▼
Courses

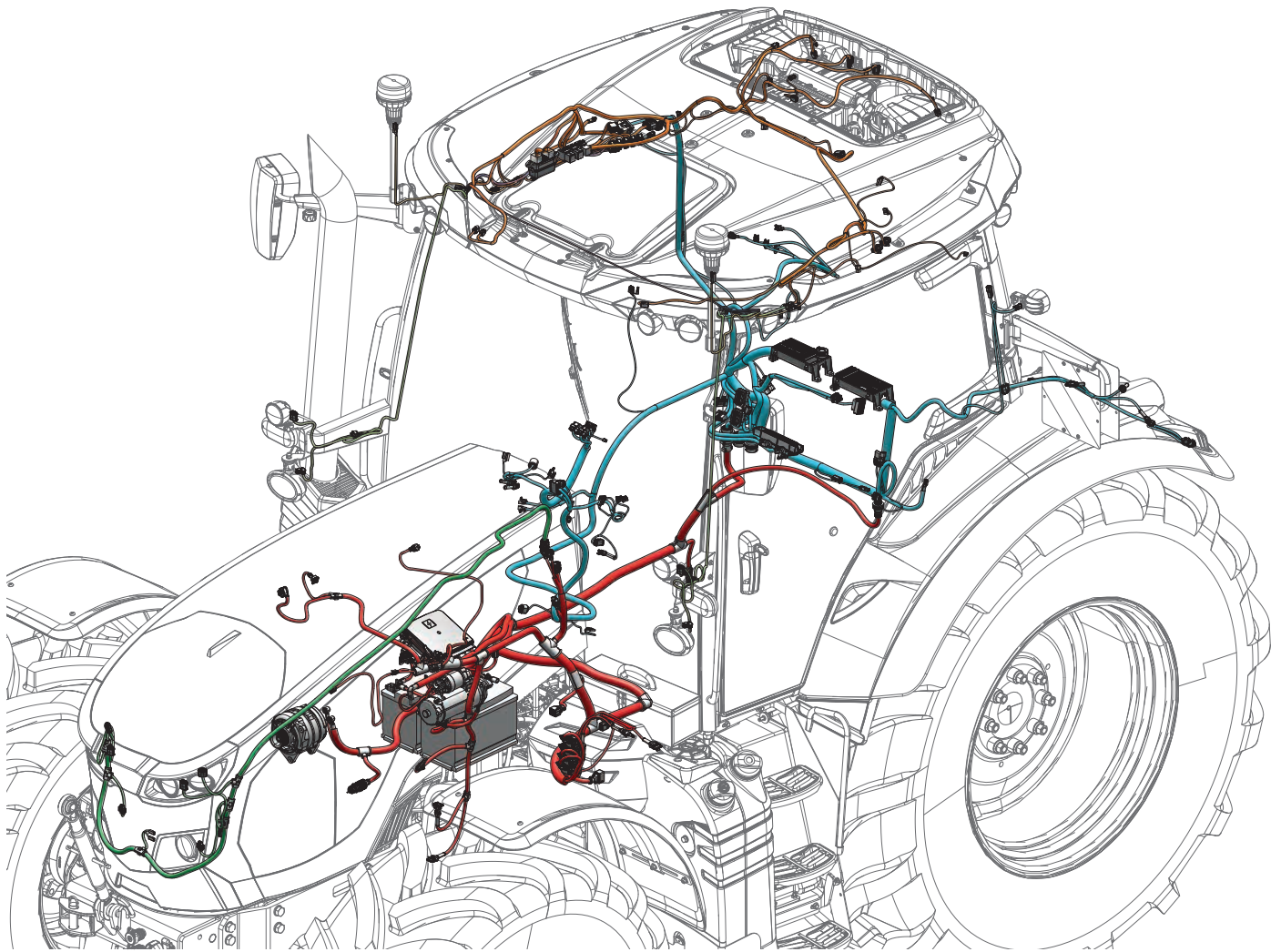


SST may either provide a specific and targeted service, relating to the specific needs of the Customer, or deal with the "document project" as a whole, taking over the entire management of the company documentation.



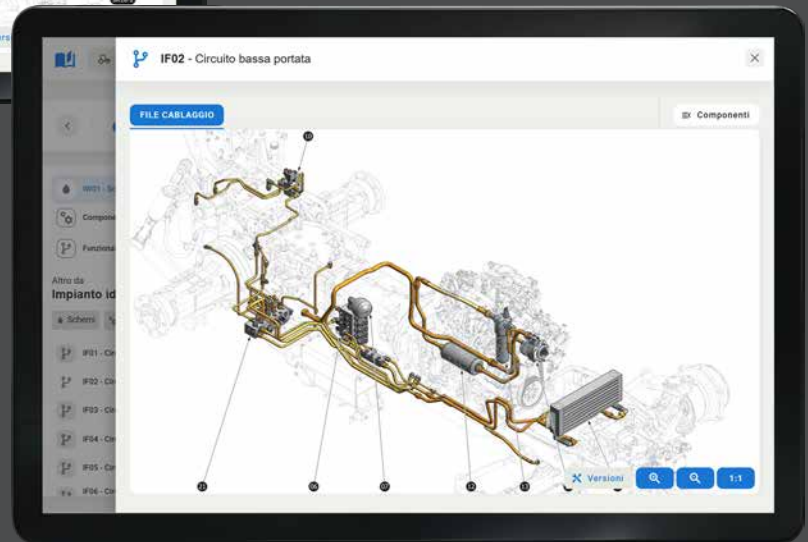
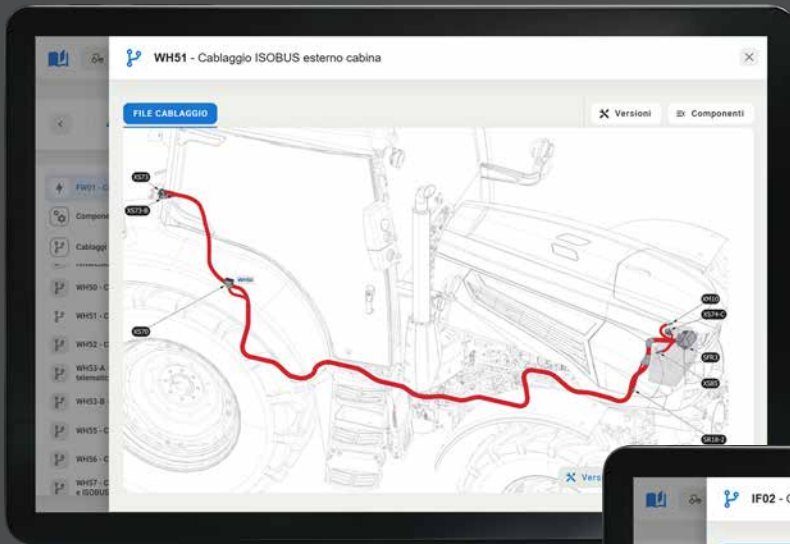
DOCUMENTS

- Installation manuals
- User manuals
- Quick start guides
- Maintenance manuals
- Software documentation
- Spare parts catalogues
- Internal corporate procedures
- Training courses
- Translation



Product documentation is not only an obligation established by international regulations, but also a useful corporate image tool and a way to cut post-production costs.

Comprehensive and clear documentation distributed across various access channels allows major cost reduction and can turn into an important element for market assessment of the product, particularly by the international market.



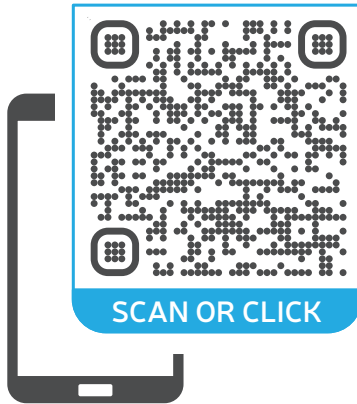
ITD (Interactive Technical Documentation)

In the world of industry, quick and intuitive access to technical information is a key factor for operational efficiency and reduction of machine downtimes.

Our Interactive Manual Platform was created to meet this type of needs, offering an advanced

digital solution for the management of technical documentation.

With our system, each document becomes a dynamic digital resource, always available, up-to-date and user-friendly.

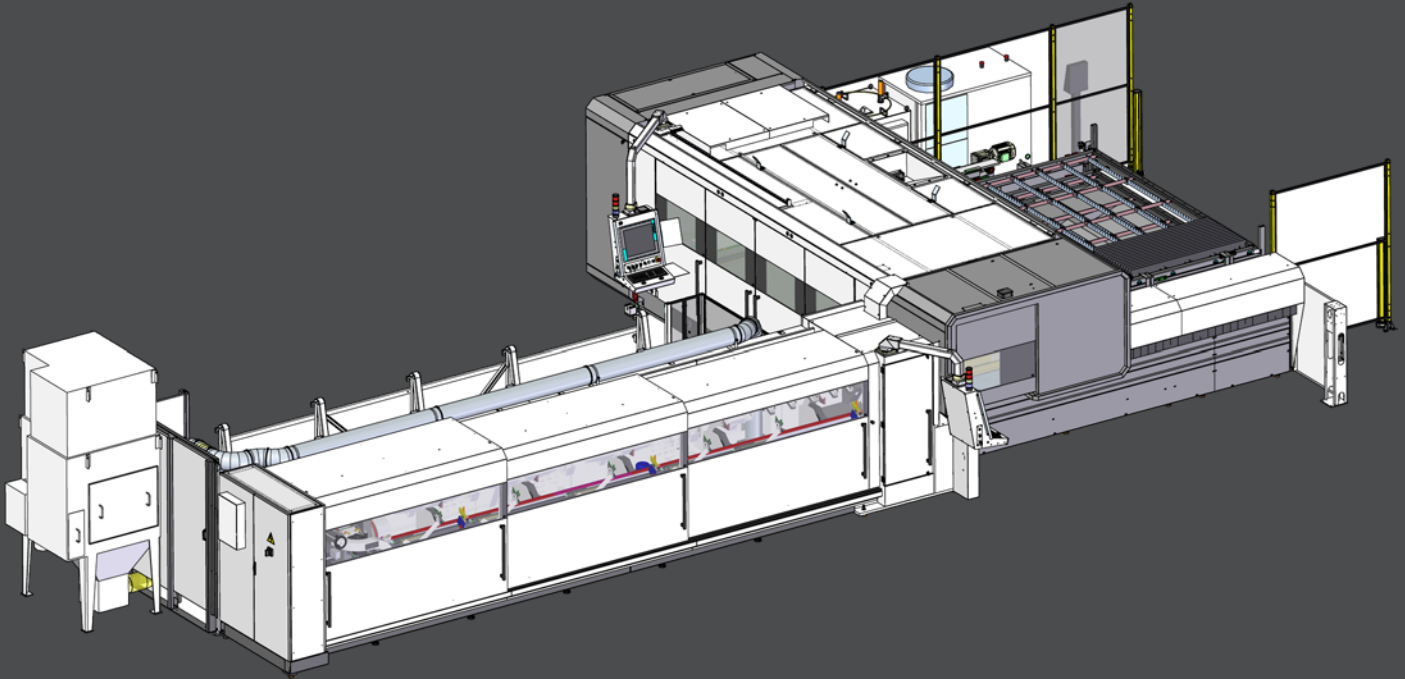


Our web app is designed for all companies that manufacture machinery and equipment and want to improve management of their technical documentation:

- Industrial machinery manufacturers
- Production and assembly companies
- Automotive and mechatronics industry
- Construction and earthmoving plants and equipment
- Manufacturers of plants and production lines

Benefits for companies:

- Innovation and competitiveness with cutting-edge service.
- Instant access, anywhere and from any device.
- Multimedia enrichment, with images, videos, interactive diagrams and animated instructions.
- Connection to other company systems to create an integrated hub and optimise technical support.
- Increased efficiency and reduced time for the search of information.
- Improved technical support through faster and more accurate assistance.
- Always up-to-date manuals, no need for reprints or paper distributions.
- Reduction of printing and management costs for better business efficiency.



CONSULTANCY

Product

Life Cycle Assessment (LCA - Life Cycle Assessment) ISO 14040 and 14044 standards:

- Input factors (pre-production components)
- Environmental impact
- Life Cycle (production components, distribution, drainage, waste, use and maintenance)
- End of cycle (dismantling and disposal)



Convenzione CISA - Dipartimento di Ingegneria Chimica e delle Tecnologie Ambientali

Applicazione di una metodologia (Life Cycle Assessment) per una valutazione costi/benefici di carbonio nell'impiego di biomasse per la produzione di energia nell'Appennino toscano emiliano

RELAZIONE FINALE

Il responsabile scientifico
Prof. ssa

Nella figura 3.1.1.4 è rappresentato il diagramma di flusso della filiera.

Figura 3.1.1.4 Diagramma di flusso della filiera pellet

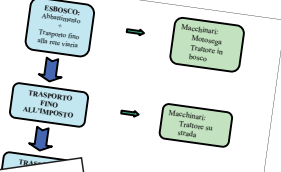


Figura 3.4.4 Il diagramma della valutazione dei costi ambientali della filiera LCA 1 facci 20km

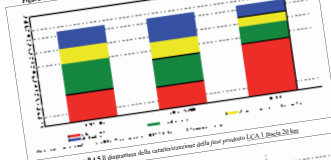


Figura 3.4.5 Il diagramma della caratterizzazione della filiera LCA 1 facci 20km

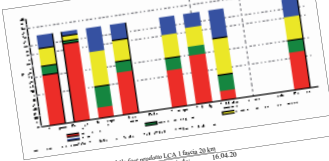


Figura 3.4.6 La caratterizzazione della filiera LCA 1 facci 20km

Simbolo: Data: 10/06/2007 Periodo: 10/01/20
Progetto: Progetto CISA
Titolo: Analisi ciclo di vita per il pellet LCA 1 facci 20km
Metodo: EcoInvent 99 (H) V2.1.1. Impiego: 1/99/11A
Materiale: Caratterizzazione: Si
Per ogni categoria d'impatto: Si
SKP: metodo: Ma
Materiale: Non
Categorie d'impatto: Data: Totale: obbligo: 1 facci trasporto fino all'impostamento
Capitale: Data: DALY: 2.28E-12; 7.27E-12; 2.9E-04; 4.8E-03; 2.1E-03
Caratterizzazione: DALY: 5.35E-12; 1.7E-11; 2.1E-03; 3.2E-02; 4.4E-03
Stop: origine: DALY: 5.35E-12; 1.7E-11; 2.1E-03; 3.2E-02; 4.4E-03

Machinery Directive and the new Machinery Regulation

Preparation of the technical file and design support for risk reduction.

Environment, Energy, Quality and Safety Management Systems

- Support for gaining and renewing certifications according to ISO 14001, 50001, 9001, 45001 schemes
- Gap Analysis
- Context analysis
- Support in the preparation of system, procedures and records
- Preparatory audits for certification or supervision
- Assistance during certification body audits
- Support in system maintenance



TRAINING COURSES

Tailor-made training courses offer the opportunity to enhance skills and knowledge of personnel, ensuring greater productivity and satisfaction in the workplace.

A close collaboration with customers allows to identify the key development areas and create tailor-made courses meeting specific needs.



Training is key to team development and success.

Tailor-made courses

Courses specifically designed to meet the needs of the company and of the specific industry.

Class training

Interactive and engaging training sessions held by industry experts.

E-Learning

On-line courses accessible at any time, to maximize flexibility and efficiency of training.

Final assessment

Assessment of skills and results to ensure the success of the training programme.

If Customer's needs are limited to simple steps of the documentation process, SST may provide a selective and focused service, while ensuring the same quality of the integrated projects.

Graphics

We can create perspective tables, exploded views, tables for spare parts catalogues, renderings and animations for all types of documentation, catalogue or promotional product, even interactive within multimedia projects, starting from 2D or 3D project files, photographic reports or traditional graphics.

The most popular 2D and 3D graphics and management software is used, in particular Solid Edge, SolidWorks, Autocad, Inventor, Rhinoceros, ThinkDesign, Creo, Catia, Photoshop and Illustrator.

Translations

SST makes use of native-speaker technical freelance translators, who have worked closely with us for years, each engaged in their specific field of specialisation.

- Native speakers: best grammatical construction of the translated material
- Technical: appropriate use of technical terminology and understanding of the subject matter.

We prepare a customised glossary (if not existing yet) for each customer. We use next-generation translation CAT tools to ensure a high degree of cost-reduction in translations over time. Our translations are checked both at technical and editorial levels and finalised according to the customer's requirements.

Other language services:

- Interpreting (conventions, presentations, courses, meetings with customers etc.)

SERVICES

Publishing (DTP)

DTP (Desktop Publishing) is the tool to create, lay out and generate a publishing project.

- Traditional layout (Word, InDesign, Framemaker, etc.) according to customer requirements.
- Use of state-of-the-art storage systems (XML editor) for a more effective content management.



AUGMENTED REALITY (AR/XR)

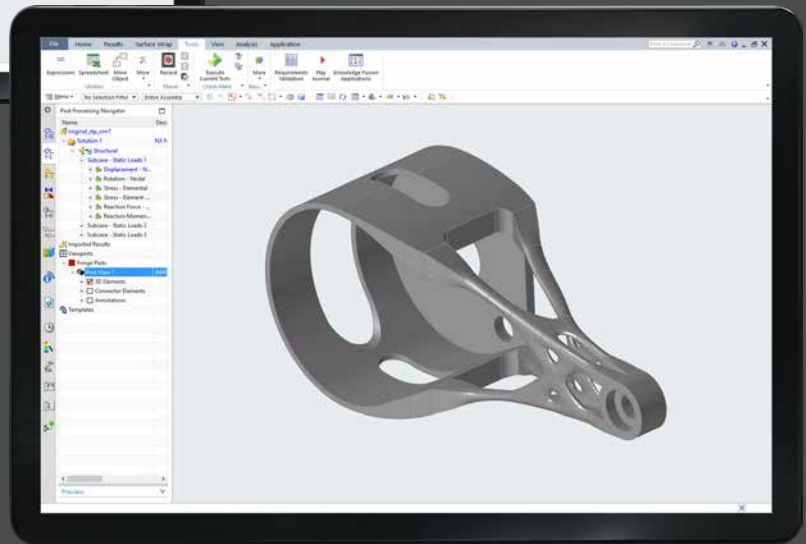
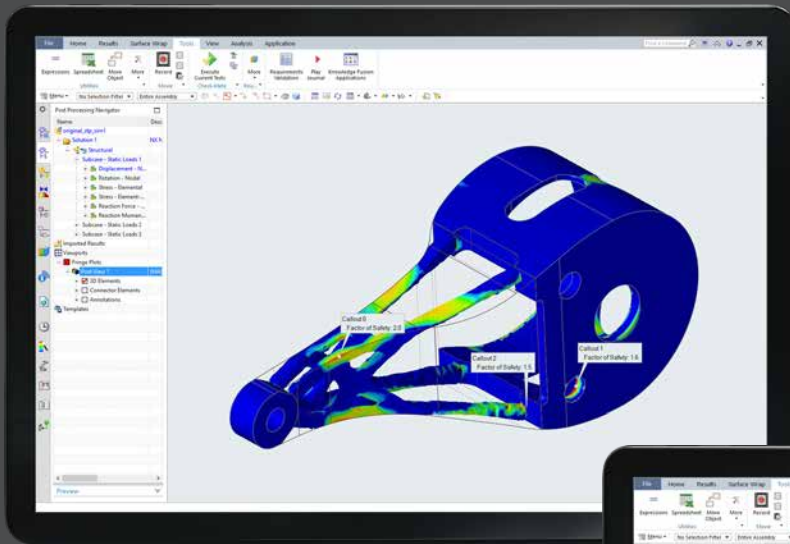
AR/XR technologies allow experienced technicians to provide real-time assistance to field operators in remote locations or in critical environments, such as hazardous areas and industrial sites.

These solutions allow to increase productivity, improve process quality and maximise safety.



Using glasses, wearable headsets or simply a smartphone, augmented reality offers:

- Visual collaboration: an expert technician can remotely see what is seen by the field operator.
- Interactive guidance: an expert technician can remotely overlay indications, procedures, diagrams and other information in the operator's field of view.
- Real-time access to information: an expert technician can remotely access additional information and real-time data that can be overlaid on the operator's field of view.
- Quick training and learning for field operators.



CAE DESIGN

SST provides an array of services within CAE (Computer Aided Engineering) design to support customers in the various stages of product

development by optimising design times and costs while improving the performance of final products.

2D/3D CAD

This simplifies and speeds up initial design and prototyping steps by allowing the creation of individual parts and complex assemblies to evaluate the design before the component is produced.

FEM (Finite Element Method)

This allows an accurate analysis of the structural behaviour of a component or mechanical system before it is put into production.

Topological optimisation

This is used to calculate the optimal geometry of a component based on the loads and constraints to which it is subjected.

The following results can be achieved by combining these tools:

- Fast and accurate design/prototyping
- Fewer iterative design cycles
- Improved performance
- Mass reduction
- Innovative designs
- Lower production costs



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