Optima AI®

Exhanced expertise

From 2 weeks to 2 days with AI applied to industry.

Sovereign AI serving CE machine compliance.

Optima AI®
Exhanced expertise

01

Save time, reduce costs, simplify CE compliance.

Reduce your lead times fivefold

Go from 10 days to just 2 days when preparing your technical documentation. Up to 82 pages of compliant documentation generated in 30 minutes, without compromising quality or regulatory compliance.

Optimize your resources sustainably.

Benefit from continuous access to expert machine compliance knowledge, without hiring or relying on rare and costly specialists. Optima AI becomes your permanent regulatory reference, available at every stage of your projects.

Secure your compliance.

Achieve up to 98% compliance rates across your technical files. Significantly reduce the risks of CE non-compliance, delayed market launches, and regulatory penalties.



Optima AI®
Exhanced expertise



The combination of 25 years of regulatory expertise and cutting-edge AI.

02

Recognized industry expertise

Our teams bring over 25 years of regulatory expertise. With in-depth knowledge of the EU Machinery Regulation 2023/1230 and key standards such as ISO 12100 and ISO 20607, we ensure reliable and operational interpretation of regulatory requirements.

Certified Deep Tech innovation

Optima AI is recognized as a Deep Tech company by Bpifrance and awarded the Young Innovative Company (JEI) status. These distinctions validate our proprietary document automation technology, designed to meet the most demanding industrial challenges.

French sovereign AI

Our solutions are powered by Mistral AI models, ensuring French sovereign AI and full control over your sensitive data. All our infrastructure is hosted exclusively in Europe, in compliance with the highest security and regulatory requirements.

Trusted by industrial companies

Several industrial partners trust us to address their critical compliance challenges through high-impact and strategic projects.

HURON FEGE CReSTIC TECH3D





Optima AI
Enhanced expertise

03

Hub

Optima **Machine Design**

Compliant machine design

Integrate compliance from the very first machine design stage
Apply the Essential Health and Safety Requirements (EHSRs) of the EU Machinery Regulation 2023/1230 from the machine design phase, building compliance into the machine instead of correcting it afterwards.

The result
A compliant machine by design, getting it right the first time.

Optima AI®
Exhanced expertise

Hub

Optima **Doc Creation**

The instruction manual (ISO EN 20607)

For machine manufacturers
Automatic generation of instruction manuals compliant with ISO EN 20607 and the EU Machinery Regulation 2023/1230. No more risky copy-pasting.

The result
- Complete technical documentation
- CE compliance ensured
- Time savings: >80%





Hub

Optima **Machine Risk**

Risk Analysis (ISO EN 12100)

Analyze risks
Identification and assessment of the machine's inherent risks, based on the principles of ISO EN 12100 and cybersecurity vulnerability analysis.

The result
Compliance with the EU Machinery Regulation 2023/1230 and the EU Cyber Resilience Act 2024/2847.

Optima AI®
Exhanced expertise

Hub

Optima **Doc Auditor**

Validation Audit

Check the completeness of your instruction manual.
Automatically assess the compliance level of your instruction manual according to the principles of ISO EN 20607.

The result
A verified, complete instruction manual with no missing formation and real added value.







Optima AI
Enhanced expertise

Hub

Optima **Job**

Workplace safety

Operator Safety
Compliance is achieved on the shop floor. Optima Job transforms your technical data into customized safety instructions.

The result
Safety work instructions for production operations and all maintenance activities.

Optima AI®
Exhanced expertise

Hub

Optima **Machine Verifier**

Controlled CE Compliance Verification

For Machine Manufacturers
- CE compliance audit prior to the EU Declaration of Conformity
- Early detection of regulatory non-compliances
- Secure CE marking before placing the machine on the market

For Machine Users
- Initial regulatory compliance (Article R.4324-24)
- A fast alternative to inspection bodies
- Effective regulatory compliance

The result
- A comprehensive CE compliance report
- A clearly assessed compliance level
- A list of identified non-compliances
- A prioritized corrective action plan





Manufacturers : secure your CE marking before distribution.
Users : meet your regulatory obligations within 48 hours.



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Exhanced expertise

Hub

Optima Doc Update

Automated update of machine instruction manuals

Ensure the long-term legal compliance of your machine fleet
Optima Doc Update ensures the compliance of your machine fleet by automatically updating instruction manuals whenever modifications are made to the equipment.

The result
Machine instruction manuals that are always up to date, effortlessly.

Optima AI®
Exhanced expertise

Hub

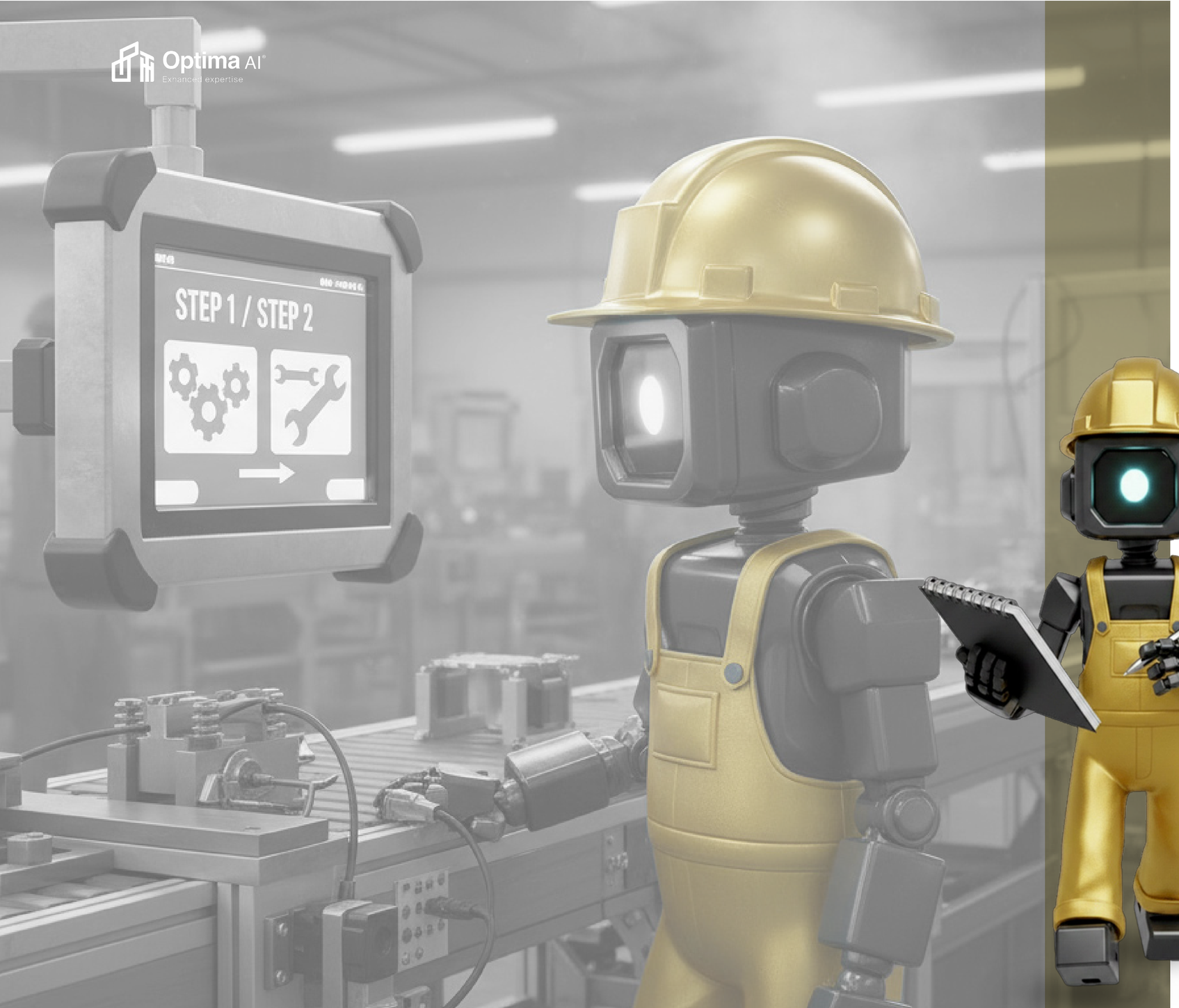
Optima Doc Compilation

Supplier Documentation integration

Unify supplier documentation into a single technical file
Integration and structuring of supplier documentation (instruction manuals, declarations, component and sub-assembly certificates) into a single, consistent CE technical file.

The result
A consolidated instruction manual.





Hub

Optima **Work Instructions**

Standardized Work Instructions

Make your instruction manuals directly applicable on the shop floor by automatically generating standardized operating procedures.
Transform instruction manual requirements into clear and standardized work procedures, directly usable by operators at their workstations.

The result
Automatically generated operating procedures that are easy to apply on the shop floor.

Optima AI®
Exhanced expertise

Hub

Optima **Competences Leader**

Capturing operator know-how

Never lose the expertise of your field experts
Capture and structure the tacit knowledge of expert operators to create a documented knowledge base that can be shared and transferred across all teams.

The result
Documented and transferable know-how that no longer depends on a single person.



04

How does it work ?

Domain expertise and human expertise continuously enrich knowledge bases.

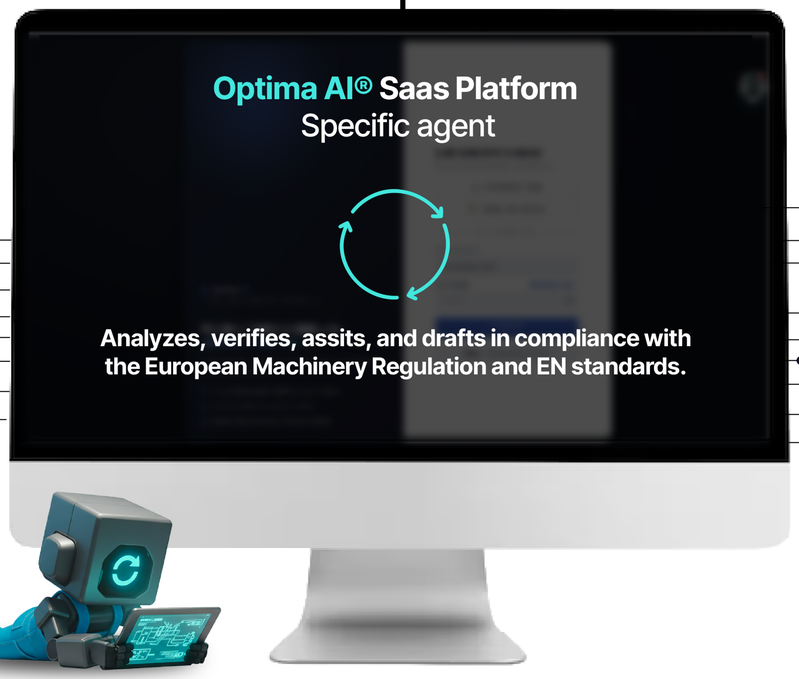


AI queries — Expert refine — Knowledge bases grow

INCOMING INTERNAL DATA

All file formats : documents, spreadsheets, PDFs, videos, audio,...





- **Optima Machine Design** — Compliant machine design
- **Optima Machine Risk** — ISO EN 12100 risk analysis
- **Optima Doc Creation** — ISO EN 20607 instruction manuals
- **Optima Job** — Machine safety work instructions
- **Optima Doc Auditor** — Instruction manual compliance audit
- **Optima Doc Update** — Technical documentation updates
- **Optima Machine Verifier** — Machine compliance report
- **Optima Doc Compilation** — Supplier documentation integration
- **Optima Work Instructions** — Work instruction formalization
- **Optima Competences Leader** — Knowledge acquisition and skills development

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MANUFACTURER JOURNEY

PHASE 01

DESIGN



Optima **Machine Design**
Compliant machine design

Optima **Machine Risk**
Risk analysis ISO EN 12100

PHASE 02

DOCUMENTATION



Optima **Doc Creation**
Instruction manuel ISO EN 20607

Optima **Doc Compilation**
Supplier documentation integration

PHASE 03

CE COMPLIANCE



Optima **Doc Auditor**
Instruction manual compliance audit

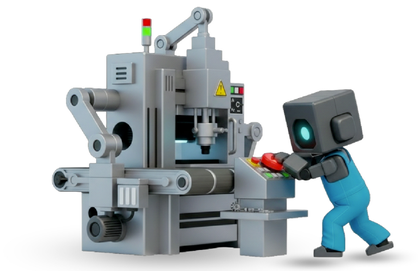
Optima **Machine Verifier**
Machine compliance report

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USER JOURNEY

PHASE 01

RECEPTION / COMMISSIONING



Optima Doc Auditor
Instruction manual compliance audit

Optima Machine Verifier
Machine compliance report

PHASE 02

BEFORE OPERATION



Optima Job
Machine safety work instructions

PHASE 03

OPERATION



Optima Work Instructions
Standardized work procedures

Optima Competences Leader
Knowledge capture and skills transfer

PHASE 04

MODIFICATIONS



Optima Machine Risk
Risk analysis ISO EN 12100

Optima Doc Compilation
Supplier documentation integration

05

Towards continuous CE machine compliance



From compliance as a constraint to compliance as a controlled process

Optima AI transforms your regulatory obligations into an intelligent, dynamic, and continuously evolving digital asset. Your workshop reality and your machine developments remain permanently aligned with European Union requirements, without unnecessary complexity or wasted time.



06

Operational performance

TIME / 7
The production cycle of your technical documentation is reduced from 14 days of manual drafting to just 48 hours with AI-assisted engineering.

COST / 10
A significant reduction in your internal costs and external service expenses related to technical documentation management.

0 ERRORS
Compliance with regulatory requirements from the very first iteration, eliminating costly back-and-forth exchanges with certification bodies.

Asset Protection (Legal Security)

Risk Reduction
Prevent potential impacts caused by accidents or poor design.

Protection Against Criminal Liability
Protect company executives from criminal liability by ensuring complete traceability and strict compliance with Regulation (EU) 2023/1230.

07

The security of your data is our priority

Your intellectual property remains confidential

100% European hosting
No cloud infrastructure outside the EU.

Complete customer data isolation
No data sharing between customers.

Your designs are never used to train the AI
Your data remains strictly confidential.

Full compliance with GDPR & the European AI Act

Unlike general-purpose AI solutions (such as ChatGPT), Optima AI is specifically trained on the European machinery regulatory framework and applicable ISO standards.



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08

Discover and work with Optima AI

Contact Us

Talk with our experts to define your compliance and security challenges.

contact@optimaai.fr
+33 7 59 94 74 52

Meet with us

Discover how Optima AI can support your business through a personalized, hands-on demonstration.

Try our solutions

Experience our AI tools on your own industrial use cases and see the results on your own documentation and processes.



The future of industry will be compliant.
Yours will be efficient

Supported by:

La Région Grand Est

LABELISED DEEP TECH · La FRENCH TECH · bpifrance · INNOVACT

OPTIMA AI SAS
Capital : 75 000 €

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