

Partner search/offer

Date (DD-MM-YY)

- **Targeted call/topic (code & name of the topic(s) line(s))**

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-02 : Physical and cognitive augmentation in advanced manufacturing (Made in Europe Partnership) (RIA)

- **Quick description of the project concept**

Integration of a consortium by adding a technological brick (Keyprod) to the developed solution

- **Description of the expertise requested/proposed (up to 1000 characters)**

Keyprod can play a strategic role by providing advanced expertise in real-time industrial monitoring and flexible production optimization. Our non-intrusive IoT solution enables real-time perception of the production environment, even with legacy equipment, and feeds digital twins with actionable data. Through a simple and accessible interface, Keyprod facilitates human-machine interaction, strengthens operator autonomy, and promotes an inclusive industrial culture. Our vibration analysis algorithms help reduce cognitive workload, detect anomalies, and anticipate risks, while supporting workplace safety and employee well-being.

- **Keywords describing the expertise requested/proposed (up to 10 words)**

Automatic detection, predictive maintenance, machine traceability, easy integration within other digital systems, facilitate human-machine interaction

Organisation information

Organisation and country : JPB SYSTEME, FRANCE

Type of organisation: SME

Former participation in FP European projects? Yes

Web address : <https://www.keyprod.com>

Description of the organisation : JPB Système is a French industrial SME with over 200 employees, specialized in the design, development, and manufacturing of innovative self-locking solutions for demanding environments, particularly in the aerospace sector. The company is diversifying its activities by developing connected solutions that integrate smart sensors and embedded systems for predictive maintenance. Notable among these innovations are the Boltrakk program and the technologies developed by Keyprod.

Contact details

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