

What is?

“FASyS” (Completely Secure and Healthy Factory) is part of the 18 large national strategic projects supported by the CDTI (Centre for Industrial Technological Development), of the 5th Call of the Consortium of National Strategy for Technical Research Program (CENIT-E).

Objectives

The main aim of the FASyS is the development of a new factory model, whose design minimalises risk to security and health and, at the same time, guarantees the wellbeing and comfort of the worker when dealing with machines, assembly or handling of goods.

The technological objectives of the project include the development of the following systems:

- Gadgets to track the physical and psychological state of the work, as well as the state of the working environment.
- Efficient communication systems of this data.
- Technologies for the processing and interpretation of the data for identifying the activity of the worker with low uncertainty.
- Protocol for integral prevention and personalised health monitoring for all workers.
- Manufacturing teams which fully collaborate in the safety of the worker.

For who?

The FASYS project will develop the key technology for deploying a factory model free of accidents, as essential element in the improvement of the productivity.

ITACA-TSB en FASYS

ITACA-TSB participates in this project, in collaboration with several companies, in the design and creation of intelligent control and integrated management systems of personalised health plans in the workplace, in forecasting systems and risk planning in the FASyS factory.

www.fasys.es