CPS FOR SMART FACTORIES

PATENTS PLANNING OF FACTORY INTEGRATION

MetaCase

ITS (intelligent transport system)

BUSINESS MODELLING

Productive Use

Physical Prototypes in Smart Factory as a Living Lab

Productive Use

Physical Prototypes in Smart Factory as a Living Lab

2015

2016

CARRIERS

METAEDIT+ EAST-ADL

MAENAD

INTEGRATION

PLAN

Catalysts

CyPhERS

MetalEdit+

Steel Production Controllers

Industrial Robot Controllers

Production Line Assistance

Automotive Use Case Implementation RAN

(RFID-based Automotive Network)

Generic Use Case Implementation

Physical Prototypes in Research Factory

Companion Technology Integration

Video

MetaEdit+

East-ADL

MAENAD

Patents

Planning of Factory Integration

MetaCase

ITS (intelligent transport system)
Integrated formal models of multi-adaptivity

Situation-aware process assistance and ergonomics

Support services for
- Planning with feedback
- Sensor and fault management
- Simulation and monitoring
- Evaluation

SMART CONTROLLERS IN CPS FOR COST REDUCTION

Industrial Robot Arms  Car Manufacturing  Steel Industry
Industrial Robot Controllers and Contextualization

CPS FOR SMART FACTORIES

cPAS