



**PERFORMANCE  
WATCHDOG**

**RESOURCE  
ORGANIZER**

**QUALITY  
INSPECTOR**

**TOOLS FOR PRODUCTION**

# MORE PRODUCTIVE HOURS - ZERO INVESTMENTS

## PROFITABILITY AS THE MAIN TARGET

The whole Fadector system is designed to make the most out of your production. Make decisions based on accurate and reliable information.

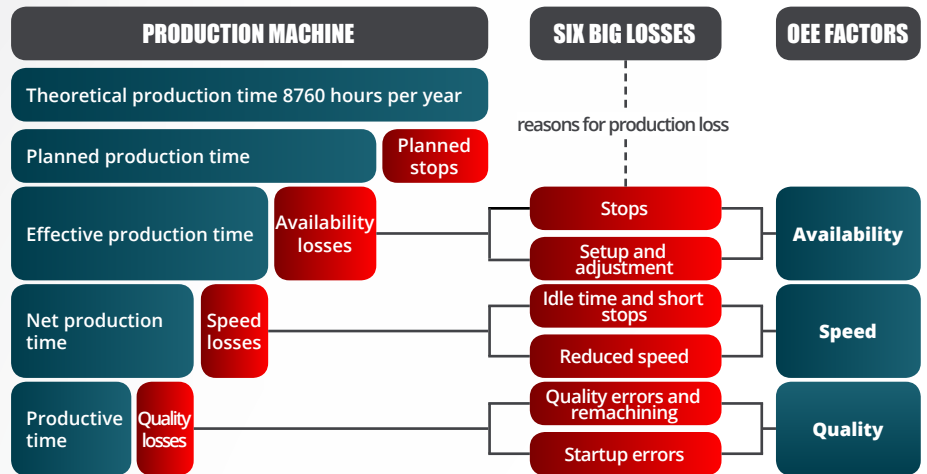
## UTILIZATION AND QUALITY AS COMPETITIVE FACTORS

Ability to compete is based on better utilization of resources and on the quality of products and processes. Fadector allows to discover stress points from production processes.

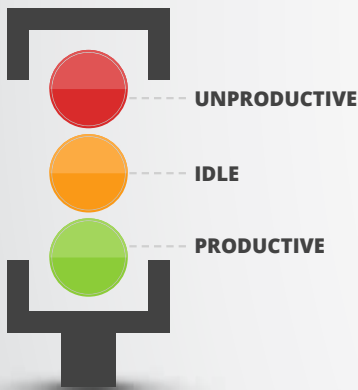
## DISCOVER THE UNREALIZED PRODUCTION POTENTIAL

Systematic determination of true performance indicators enables to increase productive time of the existing machinery. Expensive investments are not always necessary.

## THE ANATOMY OF PRODUCTION LOSS



# INFORMATION IS POWER



## BETTER GRIP ON WHAT'S HAPPENING ON THE PLANT FLOOR

Fadector provides a clear and comprehensive view from factories, lines and machines. Key performance indicators such as OEE, utilization rate, MTBF, MTD, failure counts and much more are stored and displayed online.

## REACT ON TIME !

As lean manufacturing requires, the essential issues in production must be prioritized and handled. Detection and reaction of upcoming events is the key for profitable execution of manufacturing tasks.

# WHAT IS FADECTOR?

# WATCH • INSPECT • ORGANIZE

## A TOOL FOR IMPROVING PRODUCTION EFFICIENCY AND QUALITY

Fadector helps to increase the number of production hours without any investment in additional machinery. Bottlenecks, latency and unrealized manufacturing potential can be discovered with Fadector Watchdog tool.

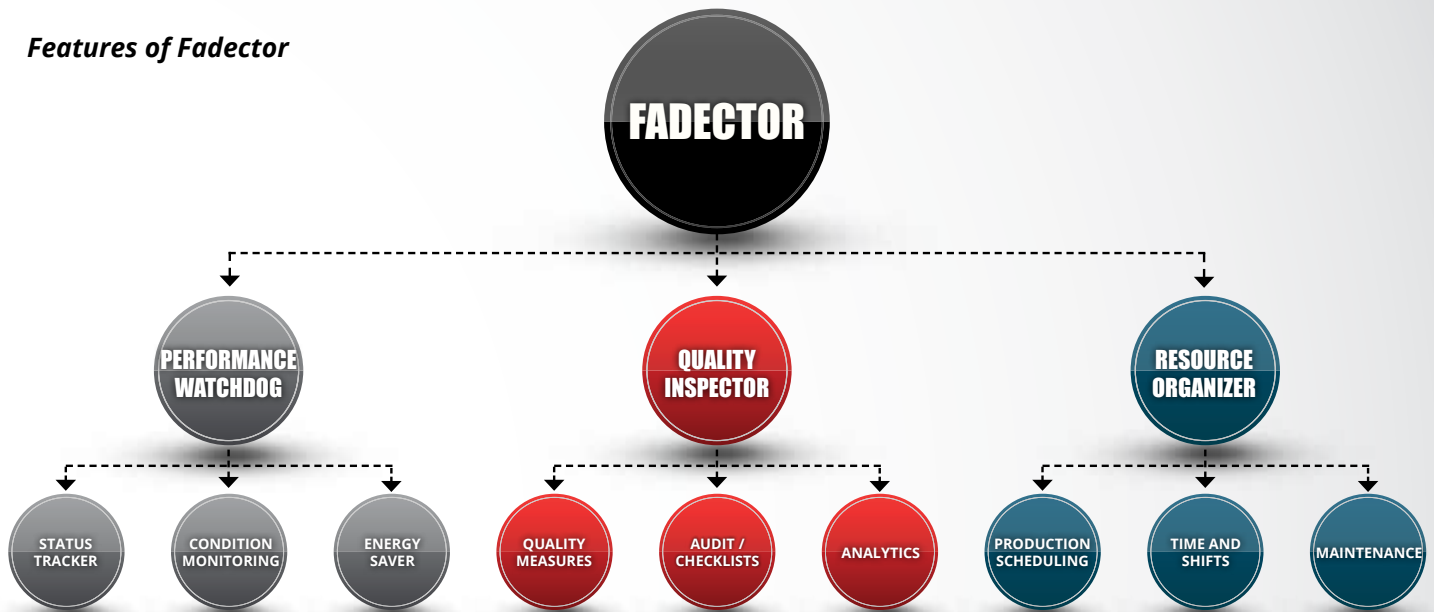
## ADAPTABLE FOR ALL MACHINERY

I/O, OPC or custom connection to any manufacturing device or production process. Automated Data Collection (ADC) process of the Fadector, ensures accurate and real-time information of the production.

## OPEN AND SCALABLE ARCHITECTURE

Easy integration with existing factory systems such as MES, Maintenance and ERP. Scalable architecture from one site to global corporate level solution.

### Features of Fadector

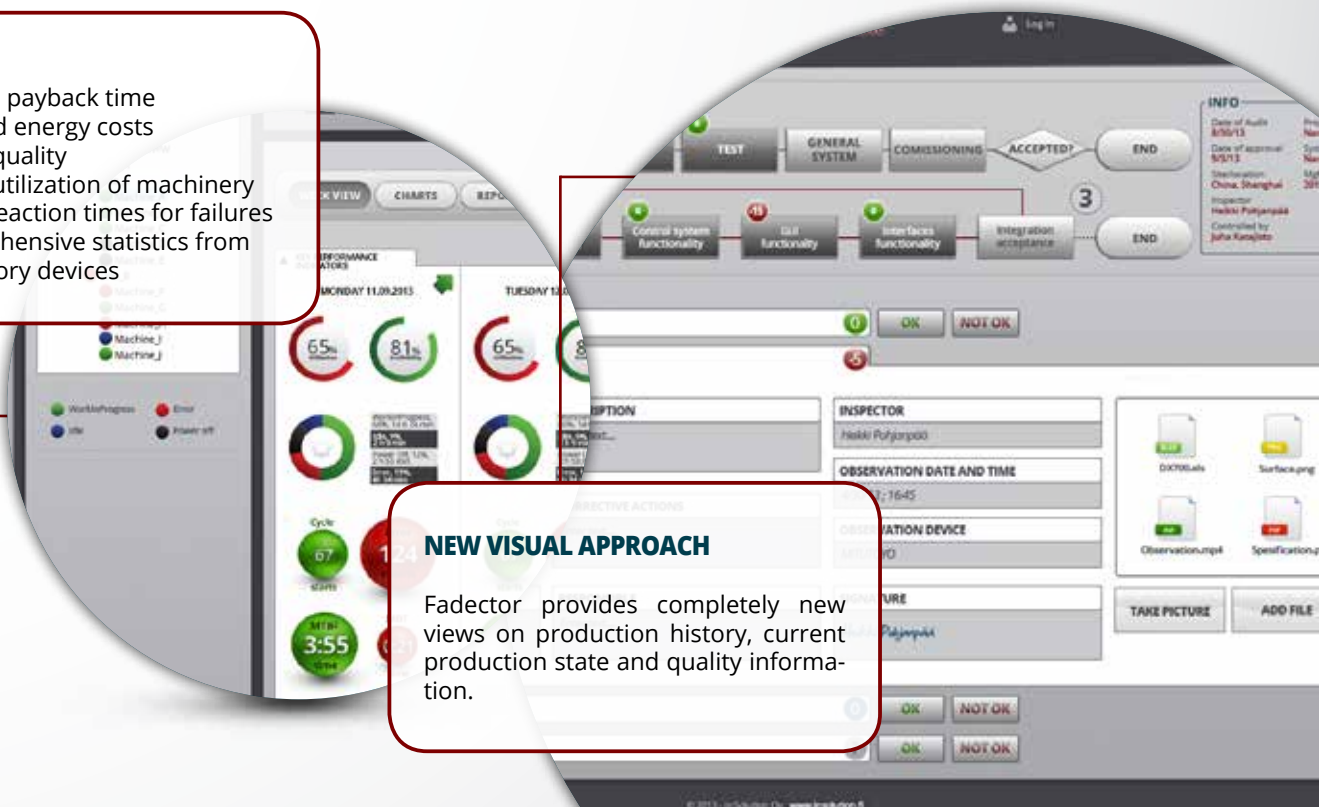


### BENEFITS

- Minimal payback time
- Reduced energy costs
- Higher quality
- Higher utilization of machinery
- Faster reaction times for failures
- Comprehensive statistics from the factory devices

### NEW VISUAL APPROACH

Fadector provides completely new views on production history, current production state and quality information.





# PROVEN TECHNOLOGY - WIDE INSTALLATION BASE

## FADECTOR WORLDWIDE

Fadector installations have been done in almost every continent in the world. Fadector technologies meets the industrial standards and are highly reliable.

## EASY IMPLEMENTATION

Fadector installation is easy and fast. The modular structure of Fadector enables incremental commissioning and is extendable for future demands.



“InSolution designed a customized quality tool for our end-product quality monitoring. The project has been extremely successful. The tool is easy to use and now we have very efficient quality monitoring and reporting at our disposal. InSolution provided exactly what we needed”

Jorma Harju  
Foundry Operating Engineer  
**Boliden Kokkola**

“Our good experience with Fadector, together with the simple user interface and future development possibilities convinced us to choose Fadector for all of our factories”

Otto Montell  
Process IT Manager Production  
**Sandvik Mining and Construction Oy**



## START SAVING TODAY !



Jukka Lahdenranta

+358 40 561 7900

@jukka.lahdenranta@insolution.fi

Juha Katajisto

+358 40 501 4068

@juha.katajisto@insolution.fi

Visti for more information

[www.fadector.com](http://www.fadector.com)

[www.insolution.fi](http://www.insolution.fi)

**Office address:**

InSolution Oy  
Valmetinkatu 5  
33900 Tampere  
Finland

**Mailing address:**

InSolution Oy  
PL 4  
33101 Tampere  
Finland

## INSOLUTION OY

InSolution Ltd. specializes in diverse industrial systems. Our clients range from the machinery and equipment suppliers to large industrial system manufacturers in various sectors.

*Your certified dealer:*