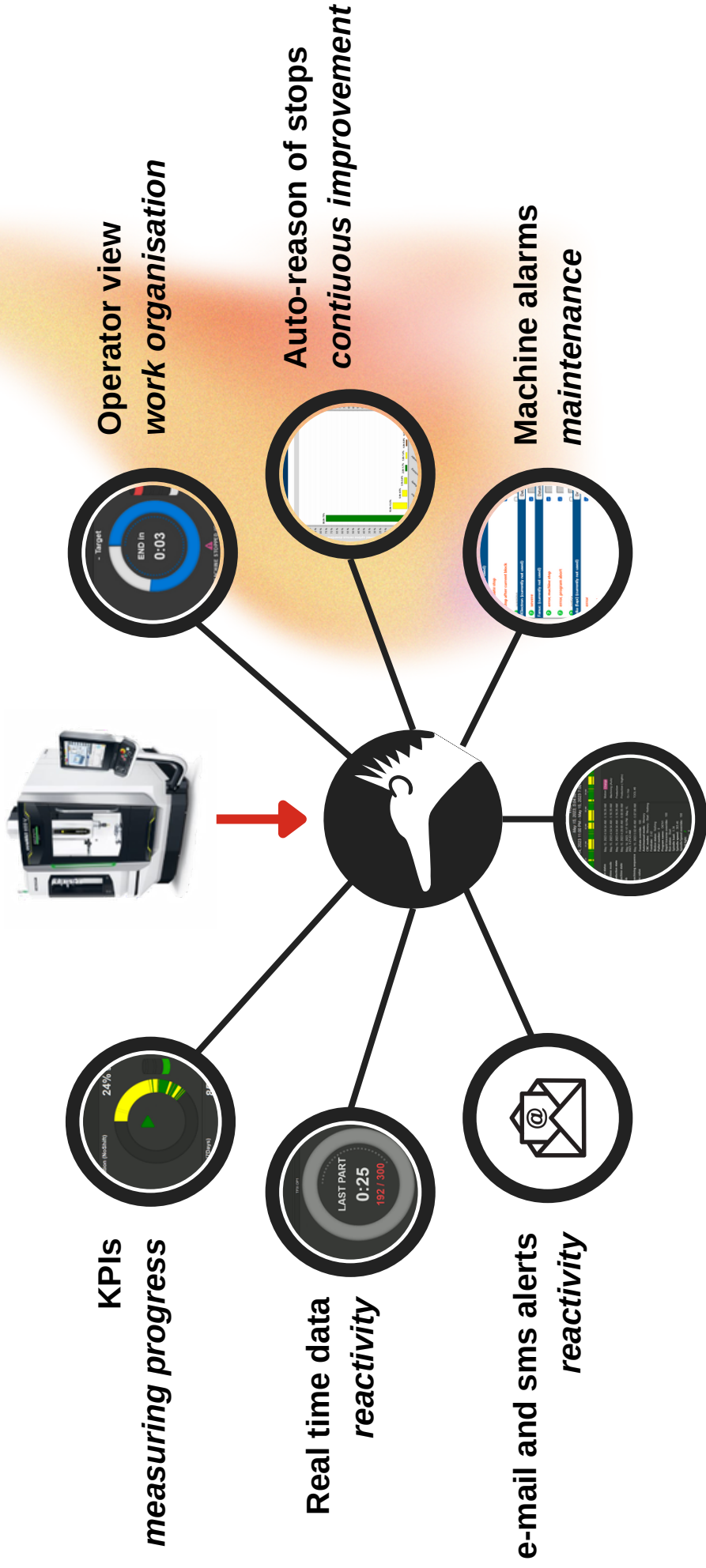


atsora solutions

Unlock the potential of your machines

Our Industry 4.0 solution collects and structures data from all your CNCs in **real time**, giving you **complete and instant visibility** of your machining operations.

With this technology, you can improve efficiency, reduce downtime and maximize the productivity of your machine tools. At the same time, our software helps to better organize the work of operators, facilitating task management and improving the coordination and overall performance of your workshop.



Collecting data without any operator intervention:

precise status of the machine, operation, cycles, number of parts, machine alarms



... for the managers

- 72 available reports
- PowerBI connection
- Real-time displays with KPIs and current production data
- Auto-reason module to classify the machine stop times
- Alerts per e-mail / sms
- Dynamic groups of machines



... for the operators

- Dynamic time before the next stop of the machine
- Dynamic time before the next tool changes
- Machine alarms, stack lights
- Number of produced parts
- Interfaces to classify the machine stops

Machine	Alert Type	Time	Message	Details
Brother (currently not used)	Immediate stop			
Brother (currently not used)	stop after current block			
DElectron (currently not used)	severe			
Fanuc (currently used)	error, mach	Aug 08 03:19	Other alarm (D5)	SPIN EXTERNAL FAN FAILURE
Fidra (#ap) (curr)	error, prog	Aug 08 07:48	Servo alarm	DIAGNOSTIC ABNORMAL TORQUE
Fidra (#ap) (curr)	error	Aug 08 09:24	Servo alarm	DIAGNOSTIC ABNORMAL TORQUE
Fidra (#ap) (curr)	fatal	Aug 08 09:24	Servo alarm	DIAGNOSTIC ABNORMAL TORQUE
Fidra (#ap) (curr)	informative	Aug 08 02:54	Spindle & Axis Overload	Abnormal Load Detection (Servo Axis Abnormal Load Detection Signal)



... for the maintenance

- Structuration of the machine alarms
- Reports with the alarm details and their frequency
- Team time display of the machines with a mechanical problem
- Remote alarm viewing
- Alerts per e-mail / sms



- Very large support of machine tools and CNC:
 - Siemens, Fanuc, Heidenhain, Fidia, Okuma, Brother, Haas...
 - 200 configuration files for the data acquisition
- ERP / MES connection

They trust us:



BVLGARI



Information:

For more information, a demo, questions:

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They support us:

