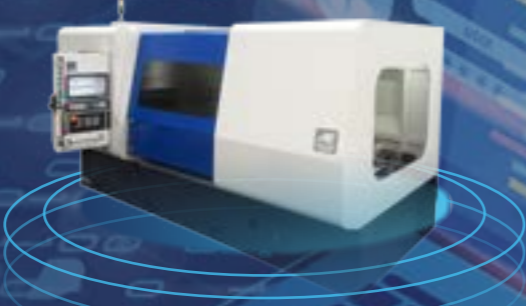


#0.1

MACHINES DIGITALIZATION AND INTELLIGENT USE OF DATA



SMART MACHINES

AZ has developed new Cloud-managed software, that is able to **constantly monitor** the operation and **performance** of its own **machinery**, including **predictive maintenance**, through PC or Smartphone, ensuring **optimal performance of the grinders**. AZ technicians can modify the **operating parameters** of the machines **directly** from the platform, integrating a web page from the PLC on the dashboard. In this way, it is possible to have **weekly, monthly, quarterly and annual reports** on the **production performance** of the plant. Furthermore, through data analysis, it is possible to carry out **predictive maintenance** of the **machine components** and generate customer notifications of the proximity of a maintenance event, thus promptly organising the intervention. This **avoids** or **drastically reduces emergency situations** and, consequently, the unplanned **shutdown of production**.

- ▶ **SAVING COST, TIME AND ENERGY CONSUMPTION** by avoiding travel of the service engineer due to real time service sessions
- **Extend the tool lifetime with PREDECTIVE MAINTENANCE**
- **GET INSIGHTS INTO YOUR MACHINE usage** via IOT portal whose thresholds can be defined on a customer-specific basis