

## From theory to practice: the Digital Workshop has to adapt to unpredictable situations

GO2cam International believe that flexibility and adaptability are the key words of the Smart Factory.

It happens that the expected machine tool is temporarily unavailable (another ongoing operation or maintenance). In order not to waste time or money, you have to move to another machine. You then have to take into account the kinematical and mechanical characteristics of the new machine, define which tool is necessary and if its available...

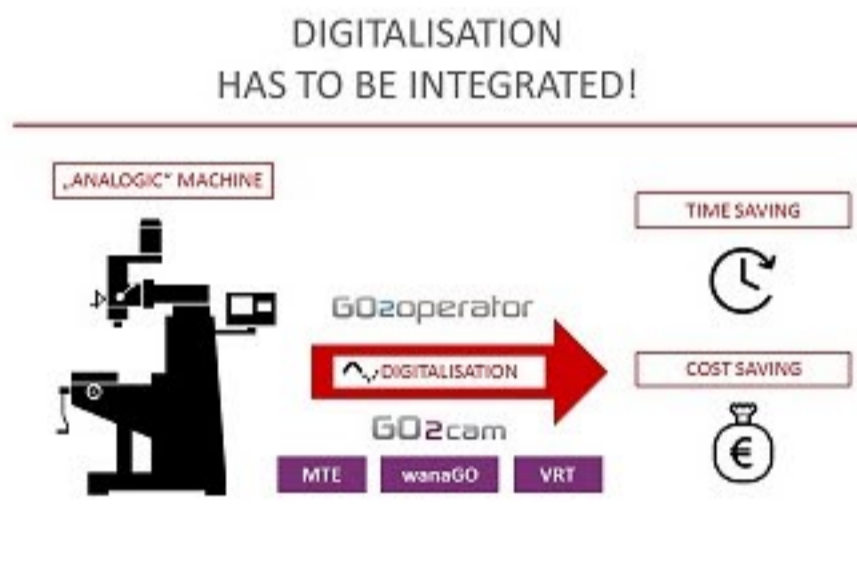
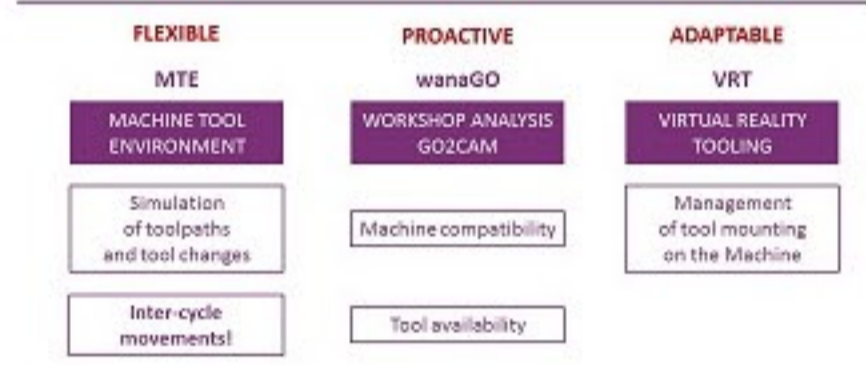
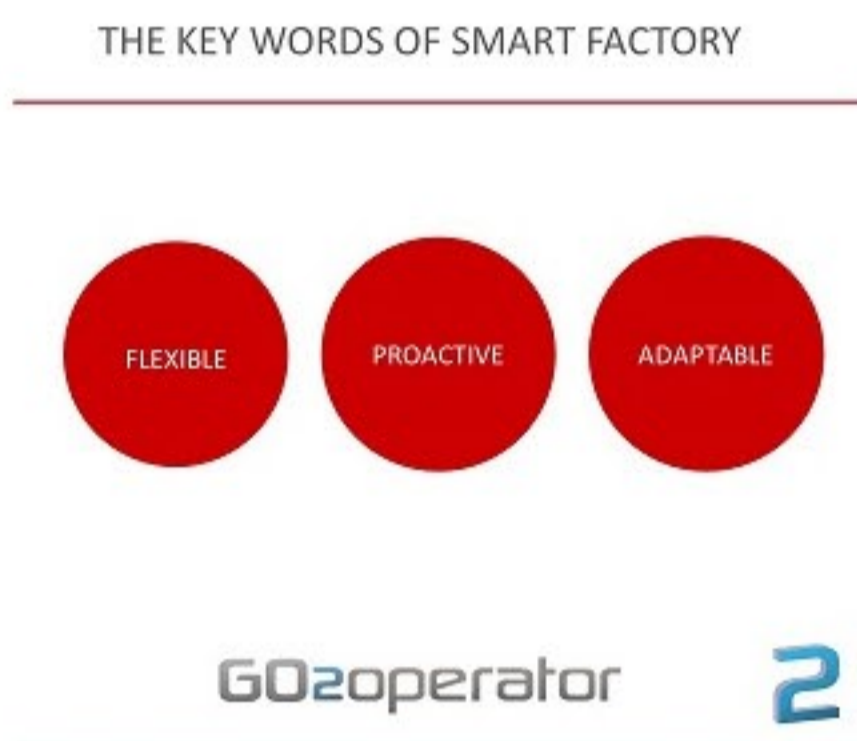
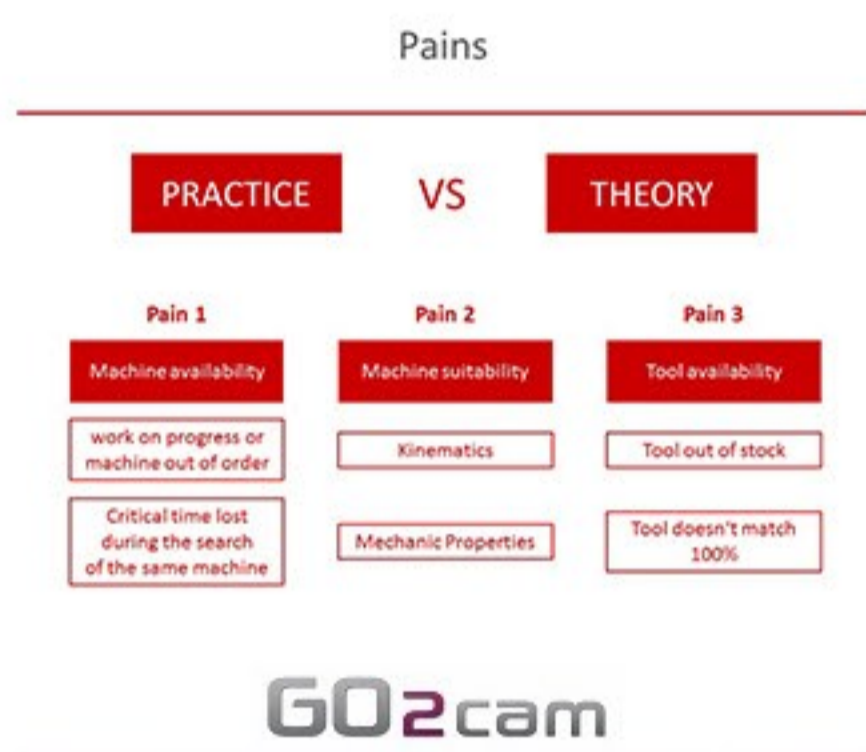
CAM solutions developed by GO2cam International take this notion of flexibility into account and enable to serenely manage unexpected situations at each stage of production.

GO2cam, CAM solution for mechanical industry, with **MTE (Machine Tool Environment)** manages the whole machine environment and provides a **realistic simulation of tool paths and tool changes on the machine**. More comprehensive than the current CAM solutions, the post-processor pilots the MTE for **the inter-cycle movements, tool changes and machine movements**.

Thanks to the functions called **wanaGO (Workshop Analysis)** and **VRT (Virtual Reality Tooling)**, the MTE gives a **list of adapted machines, based on the characteristics of the part and the availability of the tools**. Once the user has chosen the most adapted machine for the scheduled production, **wanaGO automatically replaces the tools with equivalent tools to those defined by the software**.

**GO2operator** software enables **operators to make last minute changes** depending on, for example, their current stock of tools. Then **it keeps track of these changes for future operations**.

DID YOU KNOW?



GO2cam Deutschland GmbH and its partner **Facts & Factory** presented this conference at AMB's "Experten Lounge", in September in Stuttgart. You can see the German presentation [here](#)

ZOOM IN

## wanaGO

wanaGO (Workshop Analysis) is a special feature of GO2cam which compiles the characteristics of all the machine in the workshop. When the chosen machine isn't available, the user can select easily the most adapted alternative machine. Indeed wanaGO gives him the required informations about the kinematics, tools, spindles, turrets... of the machine.

The user can, for instance, use a machine with tool revolver instead of a machine with B-axis, if the required elements for the production match.



EVENTS TO COME

### GO2cam at INTEC

GO2cam Deutschland GmbH will attend INTEC, the international trade fair for machine tools, manufacturing and automation, from 7th to 10th March in Leipzig (Germany).



**GO2cam at INDUSTRIE**  
GO2cam France will be at Industrie, the tradeshow for production technologies from 4th to 7th April 2017, in Lyon (France).