



SOFTWARE

CURT

for automatic monitoring and operation
of the machinery in your system

EmiControls. We protect people around the world from emissions and fire.

At EmiControls, we offer custom-made solutions for fighting fires, dust and odors – with the help of water mist. Thanks to their larger water surface, small drops of water achieve a far better effect than conventional measures.

Our in-depth know-how in the fields of mechanical engineering – and in the field of water atomization in particular – has enabled us to achieve unprecedented results across a wide variety of areas.

Safety when **firefighting** can be greatly increased thanks to water mist's ability to deprive fires of energy and to substantially increase the cooling effect.

When used for **dust control**, the fine drops of water immediately attach to the dust particles and bring them to the ground – helping to keep the air free from pollution.

Our **odor control** solutions are already being successfully used in composting and recycling plants – creating a more pleasant environment for employees.



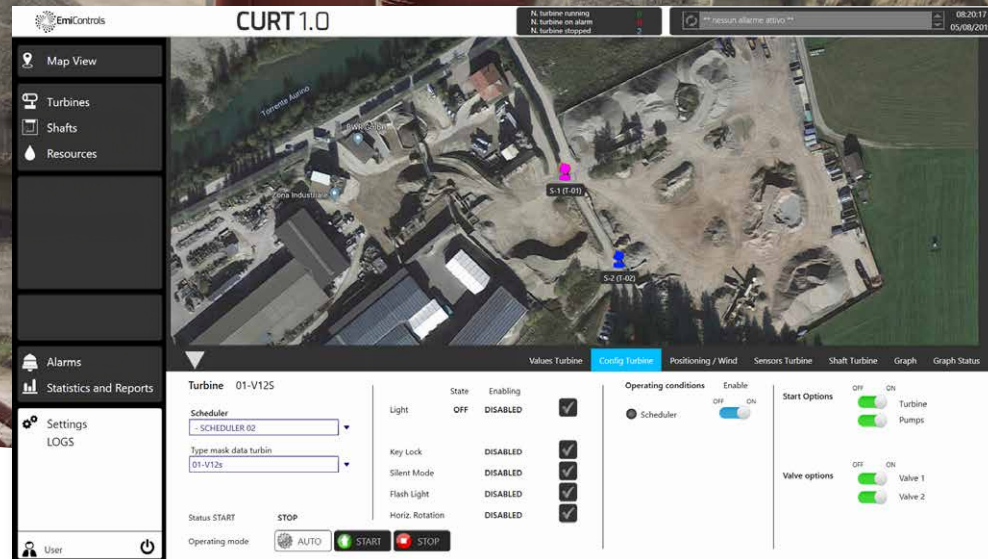
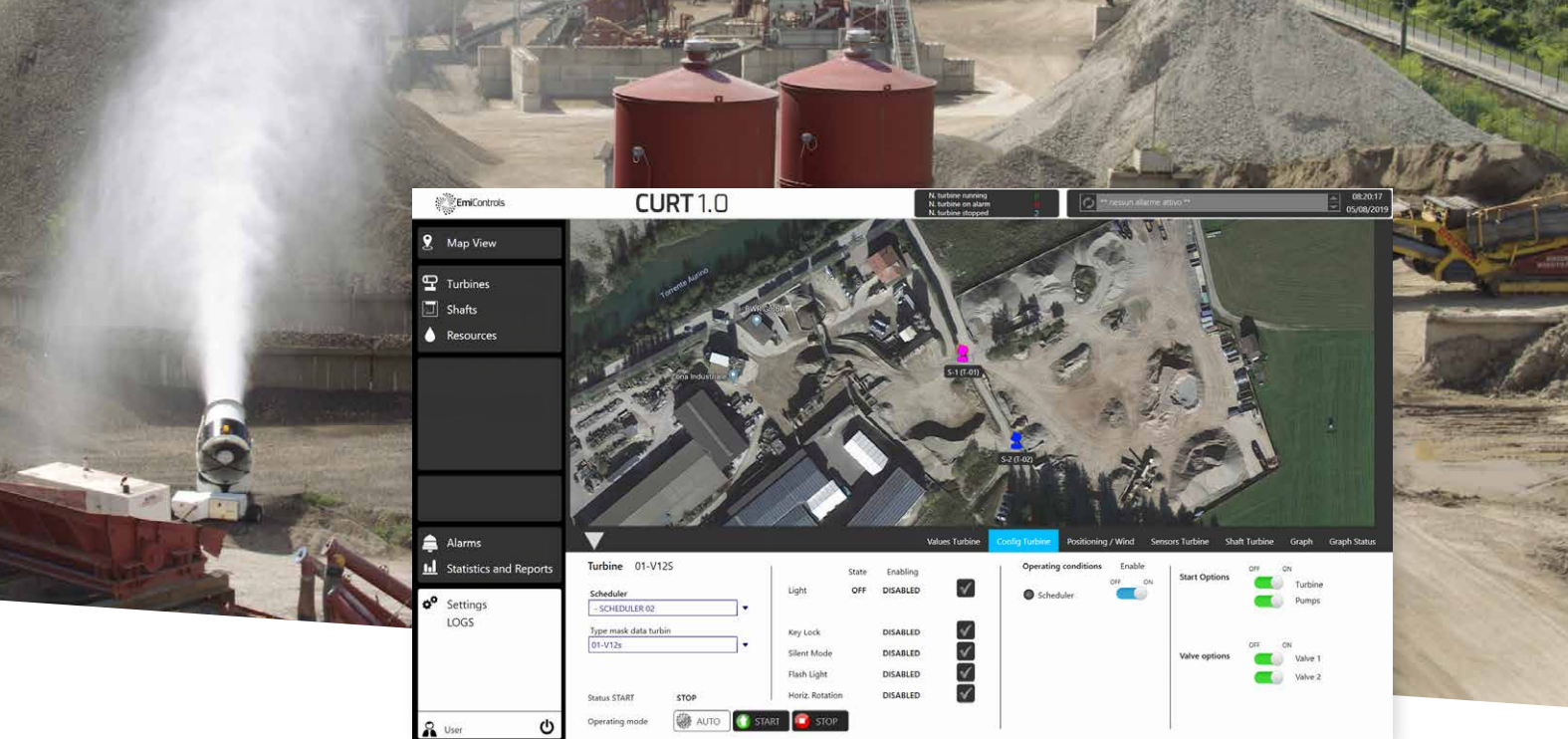
EMICONTROLS SRL / GMBH

VIA COPERNICO 6A · I-39100 BOLZANO/BOZEN

T +39.0471.089.100 · INFO@EMICONTROLS.COM

WWW.EMICONTROLS.COM





CURT

Everything under control with CURT – the management software

With the management software CURT, you can monitor and control all of the dust and odor controller machinery in your system. The main advantage: CURT reacts to several different inputs.

CURT is our monitoring and control system for dust and odor controller machinery.

The software can be conveniently accessed by a PC and manages machines in real-time, all with the simple click of a mouse.

If certain operating processes normally generate dust and odors, the times and modes for automatic activation and deactivation of the system can be set based on several inputs. Abatement of dust and odor is no longer the responsibility of workers, instead occurring automatically with high energy efficiency.

CURT REACTS TO THE FOLLOWING INPUTS:

- › time control with calendar function
- › various atmospheric conditions, including wind, rain, temperature, humidity
- › ultrasound*
- › photocell*
- › dust sensor*
- › electronic nose*

GOOD TO KNOW:

Each input is separately definable for each dust controller machine in the system.

* THESE FEATURES WILL BE AVAILABLE STARTING IN 2020

CURT OFFERS YOUR TEAM AND COMPANY THE FOLLOWING ADVANTAGES:

- › completely independent functioning of the system based on predefined parameters
- › time savings and improved safety for operators, thanks to remote control of the system through simply clicking a mouse
- › economic dust and odor abatement with high energy efficiency
- › perfect adaptability for all customer requirements, thanks to different types of input
- › clear graphics for simple software use
- › possibility to equip CURT with previously installed EmiControls dust controllers

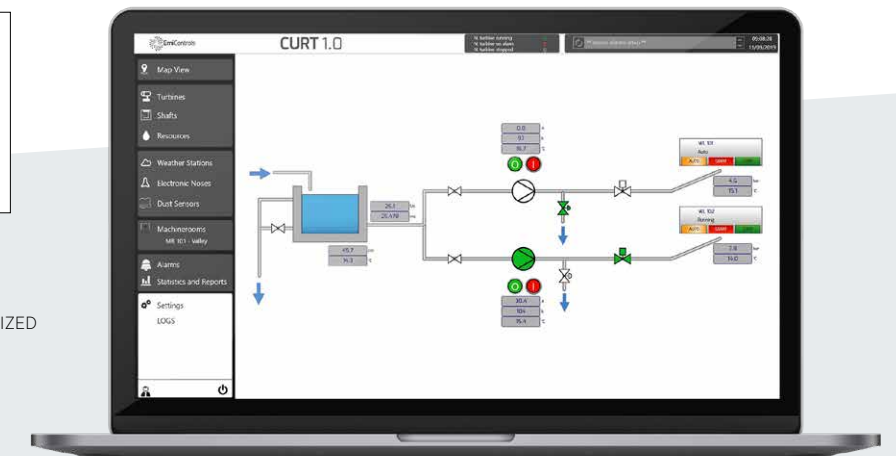
THIS IS A TYPICAL WORK DAY FOR CURT – SOME PRACTICAL EXAMPLES:

- › The system is automatically activated through ultrasound or photocell upon entrance of a truck for unloading material. When the truck exits the unloading area, the system deactivates. This process can be associated with, for example, a scheduled time control function.
- › In the case of strong wind or rain, the dust controller is automatically deactivated or does not start operating.

PLANNED FEATURES:

- › Smartphone app
- › Connection to SCADA systems

THANKS TO CURT THE ENTIRE HYDRAULIC SYSTEM CAN BE VISUALIZED AND MANAGED ON THE PC.



Control Unit for Remote-controlled Turbines

CURT provides economic and efficient management of dust and odor control systems, also in terms of resources. Inputs and sensors can be expanded as desired, based on specific customer requirements.

Once installed, CURT makes it possible for the user to save time and money: the system starts operating only when necessary.