



**MORE THAN SENSORS  
AND AUTOMATION**

### Customer's Activity

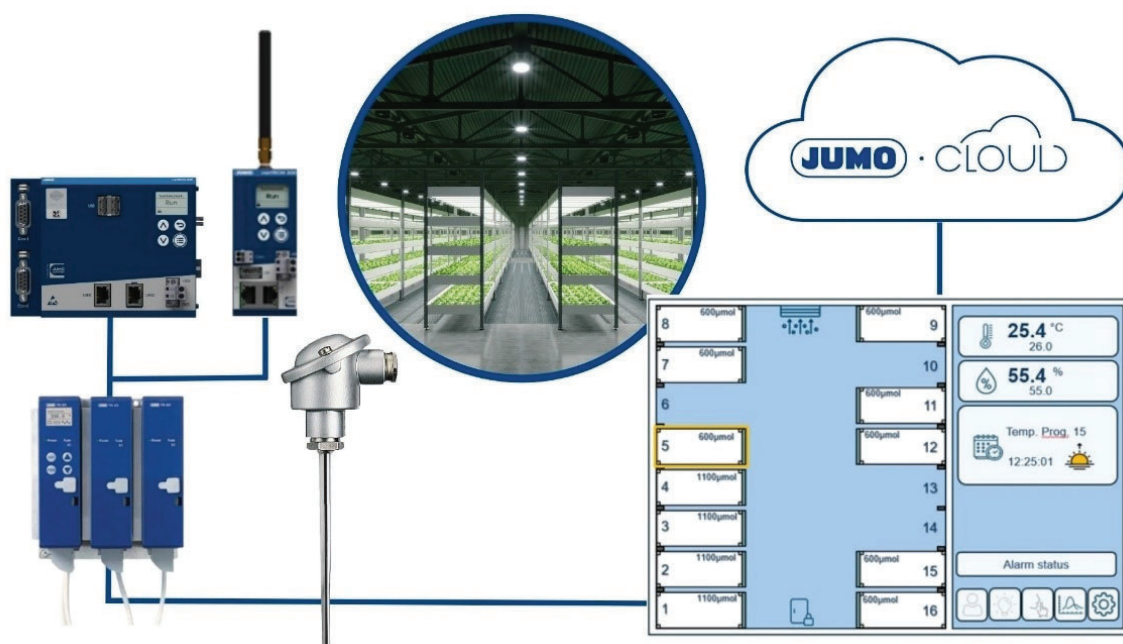
This customer offers industrial laboratory equipment. In this application it is all about climate chambers for plant growth and research.

### Customer's Need

This customer is in need of an optimization of their control and visualization system. Such as temperature safety monitoring (when the pre-alarm is triggered a show alarm message 'temperature critical' is send out), a door alarm system (chamber open/closed) and water and energy usage notice. Also the Climate chamber layout has to be configurable/flexible to fit more or less trolleys for future projects.

### JUMO Solution

JUMO provided this customer with a complete solution which consists of measurement equipment like power controller units (TYA) temperature and moist sensors, as well as JUMO variTRON and visualization possibilities with JUMO Cloud.



### Conclusion

This customer benefits with a more accurate and efficient control system for temperature and humidity measurement. By using JUMO variTRON PLC they can control and monitor each process step easily and have access to all data 24/7.