

Technology Transfer Track Posters

- CONNECTING THINGS TOGETHER -



www.tango-controls.org

TANGO is a versatile, scalable control system designed for managing complex scientific instruments with precision and reliability. Supported by a robust community, it offers extensive documentation and continuous innovation for cutting-edge experimental research.

Key Features:

Scalability and Flexibility: TANGO's modular architecture allows for easy scalability and flexibility, accommodating a wide range of devices and systems, making it suitable for both small-scale and large-scale scientific experiments.

Robust Performance and Reliability:

Designed for high performance, TANGO ensures robust and reliable operation of complex scientific instruments, critical for achieving precise and accurate experimental results.

“TANGO - Trusted by Big Science on and beyond Earth. An Open source tool kit for SCADA systems”

Community and Support:

Backed by a strong community and comprehensive support, TANGO provides extensive documentation, regular updates, and a collaborative environment, facilitating continuous improvement and innovation.

TANGO is widely used in various scientific research facilities and labs around the world, including synchrotrons, particle accelerators, telescopes and large-scale experimental setups, with TANGO ready hardware on the market. Prominent institutions utilising TANGO include the ESRF in France, ELETTRA in Italy, ALBA in Spain, MAX IV in Sweden, SKA in South Africa + Australia, and Marvel Fusion in Germany amongst others, for their control and data acquisition needs.

What is Tango Controls ?

A free open source device-oriented controls toolkit for controlling any kind of hardware or software and building SCADA systems...

Why choose Tango Controls ?

Because it is easy to use, flexible, and highly scalable. It provides a complete set of features for controlling equipment and lot of services for managing systems.

How to use Tango Controls ?

Just download it and install it. Then reuse or write a device server, deploy and marvel at how it works!

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