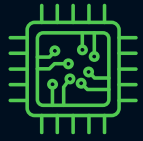




Polka – Web Management Tool for TANGO Controls

Software development and control systems
integration services

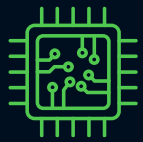
www.s2innovation.com



Polka – Web Management Tool for TANGO Controls

Modern control systems increasingly require intuitive and platform-independent tools to **manage distributed infrastructures**.

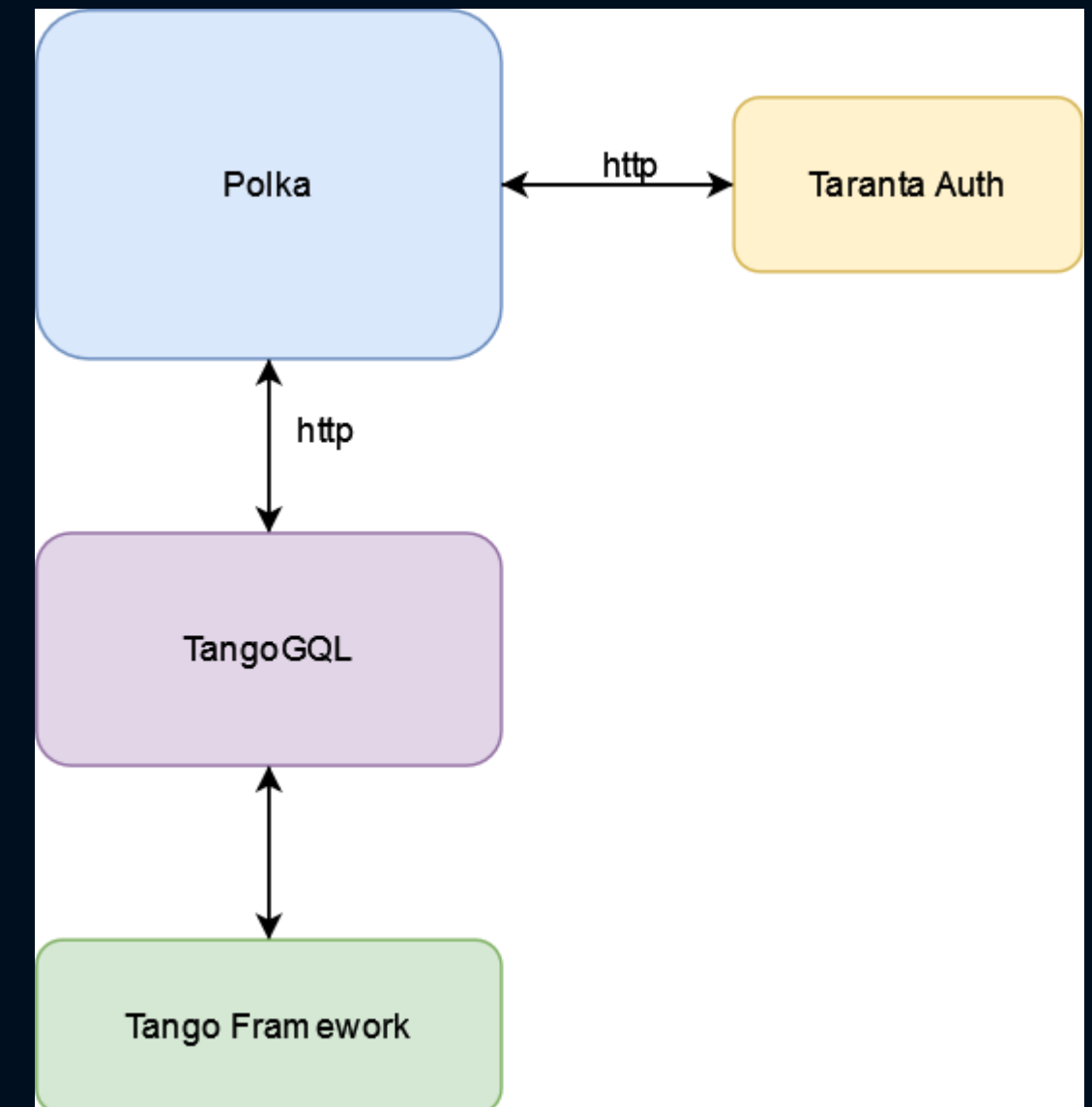
Polka is a lightweight **web-based management** tool for TANGO Controls.

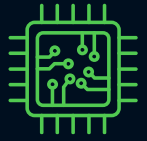


Polka – Web Management Tool for TANGO Controls

Main Features:

1. Added support for **multiple** Tango databases.
2. Enabled renaming of branches.
3. Enabled the option to **move Starters** between branches
4. Added functionality to add a Starter to a Tango database.
5. Added **pooling configuration** for servers.
6. Added a **pooling profiler** with two basic charts.
7. Introduced a feature to **check pooling** status.
8. Added a **pooling thread manager**.
9. Enabled editing Starter properties.
10. Added functionality to view Starter and server statistics.

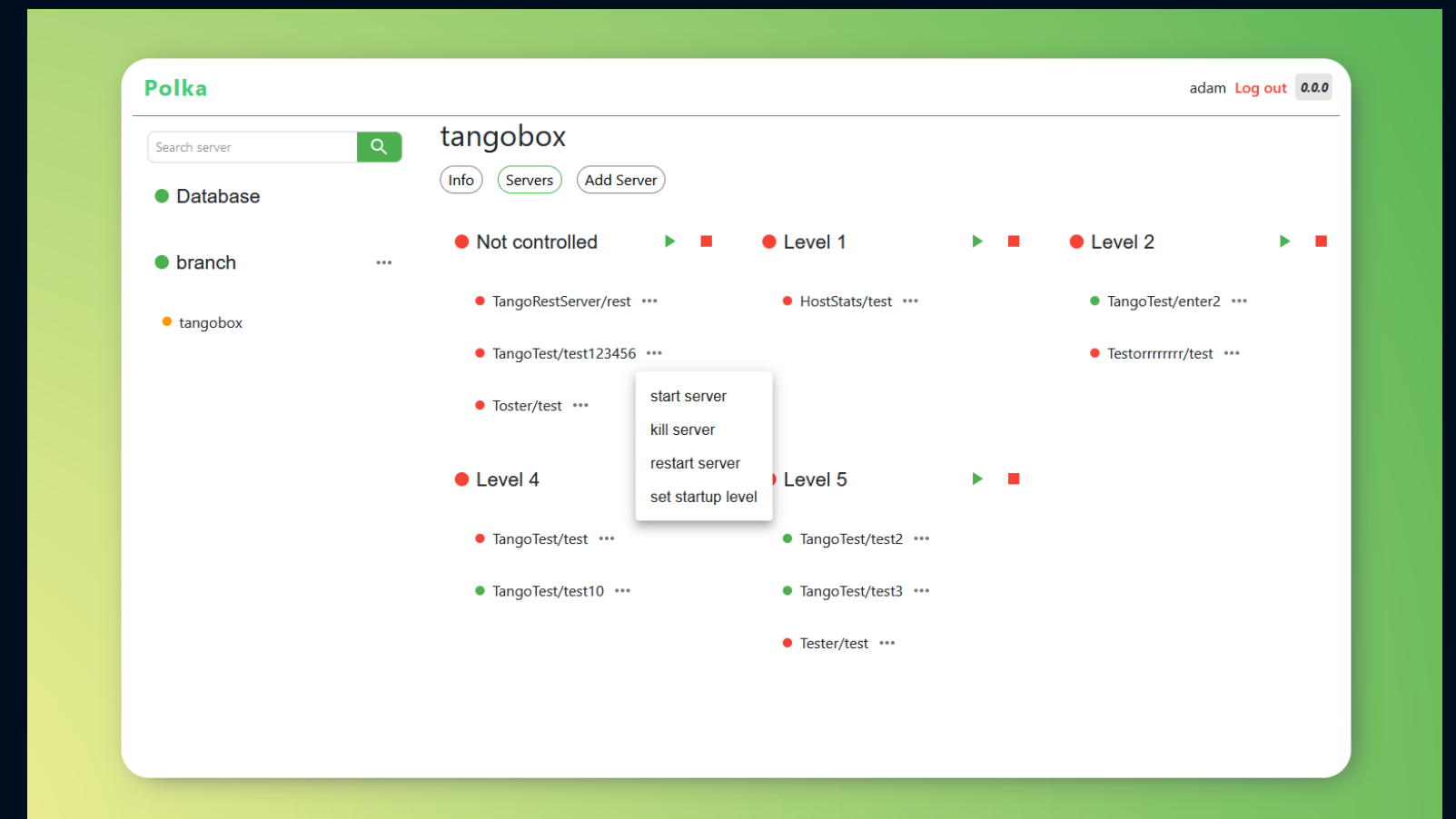


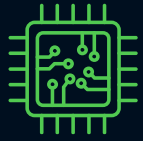


Polka – Web Management Tool for TANGO Controls

Other Improvements

1. Various UI enhancements for better usability.
2. Performance improvements:
 - Polka now uses TangoGQL WebSockets.



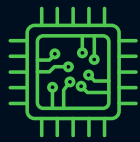


Polka – Web Management Tool for TANGO Controls

Built with **React** and **WebSocket**-based communication, it delivers a responsive, real-time interface accessible from any browser.

Unlike Astor, the long-established desktop-based TANGO Manager, Polka requires no client-side installation and supports platform-independent access for both administrators and operators.

It also brings refreshed tools for **pooling configuration** profiling with visualizations and delivers updated **statistics dashboards**.

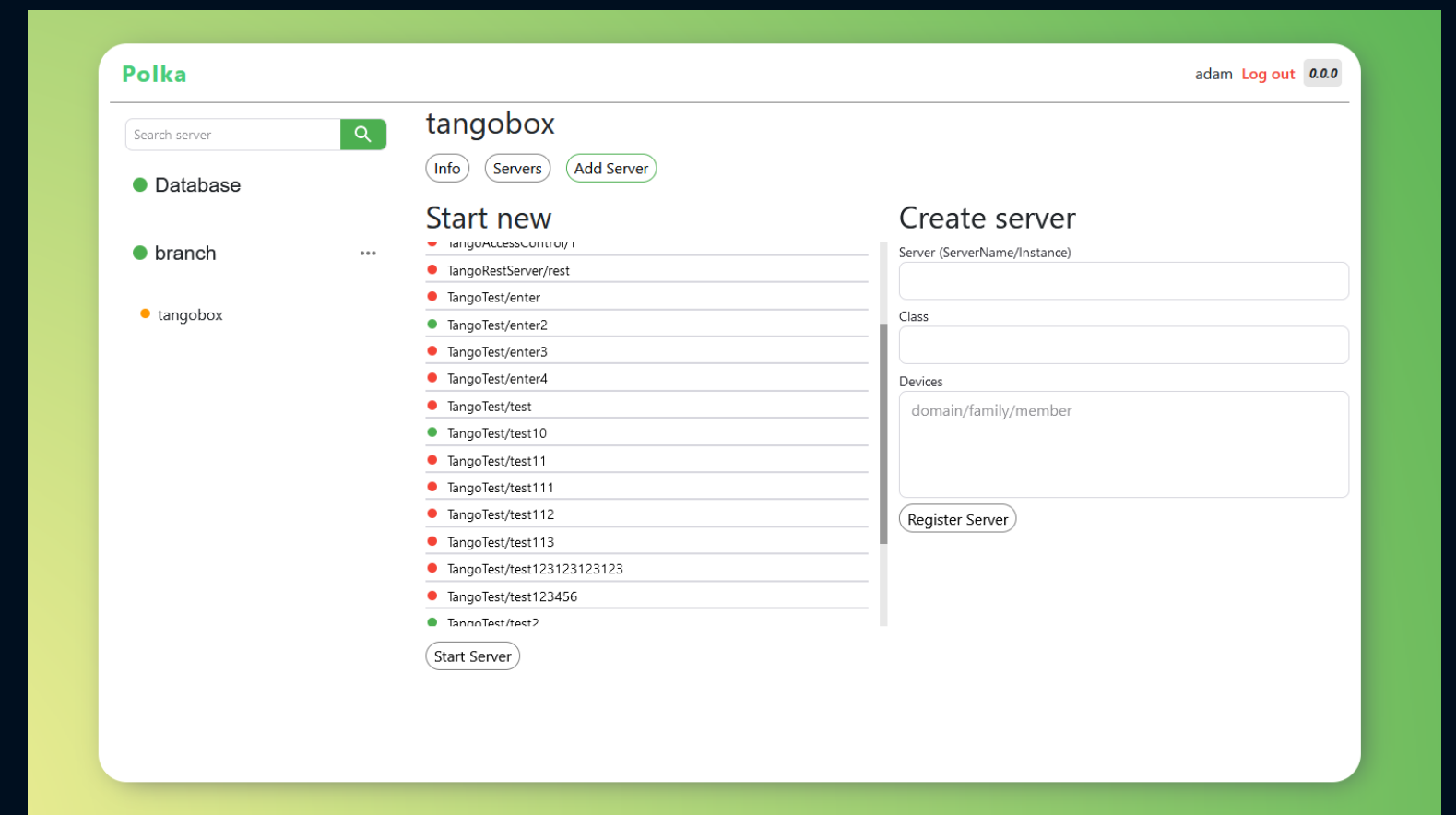


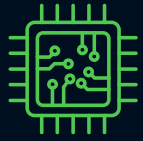
Polka – Web Management Tool for TANGO Controls

Polka as a **multi-database manager**, can be very useful for **big installations**.

It is a good solution for managing **cloud** or **Kubernetes** based systems, where using apps like Astor is not practical anymore:

- <https://www.canva.com/design/DAGjScdixLM/qliwNDOqygWRRHq6F2QP7Q/watch>





Polka – Web Management Tool for TANGO Controls

If you are interested, please contact:

Lukasz Zytniak

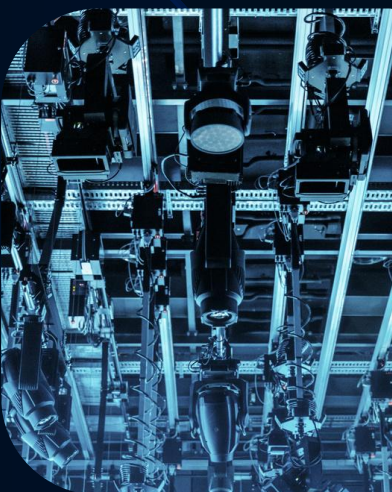
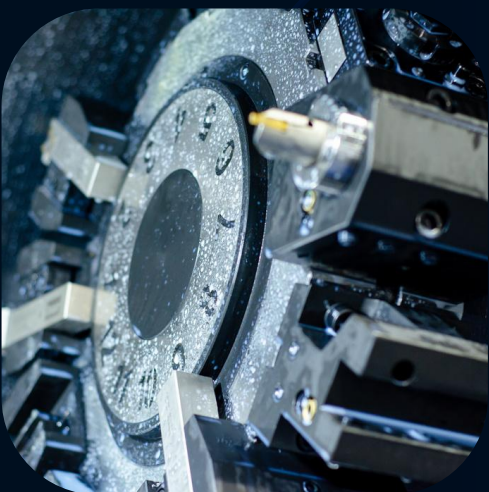
Email: lukasz.zytniak@s2innovation.com

Mobile: (+48) 789 339 875



Thank You

For Your Attention



Lukasz Zytniak – COO of S2Innovation
Email: lukasz.zytniak@s2innovation.com
Mobile: (+48) 789 339 875