

BUILDING SOFTWARE

CONTROL

INTUITIVE GRAPHICAL PROGRAMMING



Control is about implementing specific and effective control strategies. STIWA Building Software enables intuitive graphical programming. This means that complex control logic for your building systems and production environment can be intuitively visualized, easily created, and adapted. The graphical representation ensures high transparency and traceability of all automation processes and simplifies implementation.

This allows your systems to be regulated dynamically and according to demand—based on optimized parameters. This guarantees you maximum efficiency and flexibility when faced with changing requirements.

FEATURES



- **Traceable Control:** Our graphical programming interface makes the logic easy to read and understand.
- **Rapid Adaptation:** Adjustments to control rules can be made quickly and safely, as all connections to other decisions are directly visible.
- **Decision Tracking:** The logic can be monitored live, and historical decisions can also be traced.

BENEFITS



- The creation of a project manual **ensures the implementation of the desired functions.**
- **Cost reduction in ongoing operations** through quick and traceable adaptations

OUR SERVICES

- **Engineering:** Even before the building planning phase begins—where the potential to influence costs is greatest—we develop new, innovative approaches in production, logistics, and energy.
- **Funding Management:** During the building planning process, we evaluate potential funding opportunities and handle the entire funding application process, from submission to final settlement.
- **Integrated Engineering:** To ensure our innovative goals are met, we coordinate the various technical specialist planners and define the necessary functions.
- **Building Automation:** It controls and analyzes all technical building systems and communicates with energy generation units, production plants, and intralogistics systems. This leverages synergies between the building and production, blurring the lines between manufacturing and the facility itself.
- **First-Year Operational Support:** After commissioning, we harmonize the overall system, integrating both the building and production operations.
- **Support:** Reliable assistance from our experts.
- **Lifecycle Management:** Based on a multitude of automatically collected data, we regularly analyze our customers' energy consumption, user behavior, and production processes. We optimize energy requirements and production conditions for performance efficiency and product quality, and we analyze system reserves for future production expansions and modifications.
- **Sustainability and Legal Obligations:** Preparation of Scope 1-3 reports and execution of energy audits, support with ISO, VSME implementation, and EU Taxonomy compliance.



STIWA BUILDING SOLUTIONS

With our experience in mechanical engineering and our approach of understanding **a building as a machine**, we master all challenges and interface issues between people, machines, and the building. We identify, analyze, and optimize your environment, allowing you to concentrate on your production.

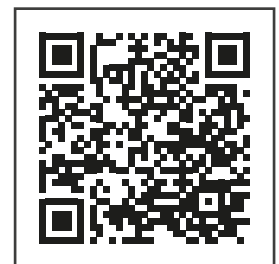
Whether for new builds or existing facilities—with our software and services, we create tailor-made solutions in building automation for both greenfield and brownfield projects. By integrating your machinery, **we ensure a demand-driven supply for all systems.**

CONTACT



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