



Your individual**DUALIS**ed Solutions



..... Perfectly simulated



..... Precisely analyzed



..... Optimally produced

VISUAL COMPONENTS

3D Simulation Platform

Planning the Factory of the Future

- ▶ Simple, virtual and powerful
- ▶ Material flow and robot simulation on an industry-neutral platform
- ▶ For better planning security, transparency and efficient production

VISUAL COMPONENTS uses a realistic virtual space to test and validate new production solutions. Whether its a completely new project, a conversion or extension project, the visualization and emulation of the many complex production processes in a 3D environment will result in significant cost and time savings.

Boost sales with compelling offers. Increase your investment and planning security with accurate results. Avoid costly mistakes by taking the prototype for a test run in a virtual setting.

Backed by years of experience, DUALIS can implement a successful VISUAL COMPONENTS project very efficiently, while offering special in-house add-ons and specific customized solutions for mechanical and plant engineering projects.



Inquiry about VISUAL COMPONENTS

simulation@dualis-it.de

AREAPLAN

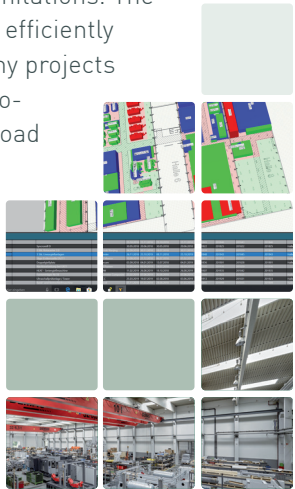
Planning Software to maximize
Assembly Hall Capacity

Efficient Use of limited Assembly Space

- Simple, virtual and digital
- A platform for controlling capacity and dynamic scheduling
- Better utilization and transparency for finite assembly areas

A key consideration for avoiding production bottlenecks and maximizing throughput when scheduling and planning an area for large scale product assembly are the buildings physical limitations. The available floor area must be efficiently organized to support as many projects as needed, while making allowances for crane and floor load bearing capacities, and any height restrictions.

AREAPLAN gives you full control over the time and space requirements for planning the assembly area, to set up collision-free projects in the available operating space with real-time feed-back on the project's feasibility and estimated delivery dates. The assembly area planner has a dashboard with an overview of the current and up-coming projects. The exported project plan is the perfect tool to streamline project meetings by clearly presenting the current status and future plans, with all the necessary data at hand.



Inquiry about AREAPLAN

areaplan@dualis-it.de

GANTTPLAN

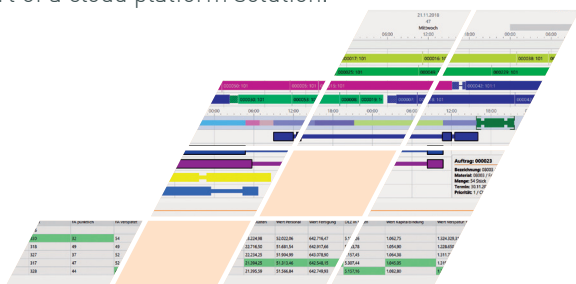
Advanced Planning & Scheduling System

Automated Planning and Optimization of Orders

- Time-saving, cost-effective and accurate
- An industry independent platform for multi-resource planning
- For a smooth order throughput with shorter lead times

GANTTPLAN automatically generates an optimal order schedule based on actual resource availability taking into account cost factors and delivery dates and allows for manually rescheduling at any time. The results are clearly visualized in the GANTTPLAN production control station.

GANTTPLAN's transparency makes a smart factory more predictable. The fine-planning APS tool integrates seamlessly with existing ERP and MES solutions, and can be implemented as an on-site application or part of a cloud platform solution.



Whether as a low-cost entry-level solution or as a high version for complex production structures – the modular design offers maximum scalability and is precisely tailored to customer needs and market requirements.

Inquiry about GANTTPLAN

ganttplan@dualis-it.de

Reference list

Extract

The following companies from different industrial sectors, ranging from the small to the global, can all testify to their level of service and satisfaction from DUALIS:

VISUAL COMPONENTS

| | |
|--------------------------------------|--------------------------------------|
| Authaler+Renz GmbH | Fraunhofer IFF |
| Dalex Schweißmaschinen GmbH & Co. KG | Grenzebach Maschinenbau GmbH |
| EBERHARD AG | HTW Dresden |
| EMAG GmbH & Co. KG | KEWESTA GmbH |
| Fabmatics GmbH | KraussMaffei Group GmbH |
| Faurecia Autositze GmbH | Rippert Anlagentechnik GmbH & Co. KG |
| FILL GESELLSCHAFT M.B.H. | |

AREAPLAN®

AREAPLAN is the result of input from VISUAL COMPONENTS users and the specific implementation for DUALIS's long standing customer, FILL.

Out of Fill's planning tool project, DUALIS constructed a new independent product, Areaplan, that is now available to DUALIS customers and fully adaptable to specific planning needs.

GANTTPLAN®

| | |
|--------------------------------|--------------------------------|
| EPflex Feinwerktechnik GmbH | Kurt Zecher GmbH |
| Feingerätebau K. Fischer GmbH | Lessmann GmbH |
| Frauenthal Automotive GmbH | SM Sächsisches Metallwerk |
| Galfa GmbH & Co. KG | Freiberg GmbH |
| Irlbacher Blickpunkt Glas GmbH | Sächsische Sandsteinwerke GmbH |
| Johannes Lübbering GmbH | Solarlux GmbH |
| Kraftverkehr Nagel SE & Co. KG | Starlim Spritzguss GmbH |

DUALIS GmbH IT Solution

Your Optimization Partner

Perfectly simulated, precisely analyzed, optimally produced.

The rise of Smart Factories and new Industry 4.0 initiatives has driven the demand for planning tools to be more transparent and efficient.

In response, DUALIS GmbH IT Solution is focused on developing forward-looking software solutions with supporting services, for the precise planning of production and order deliveries.

From classic applications to Industry 4.0 projects, DUALIS will be close by your side, from the initial planning of a tailored solution, all the way through to its practical implementation, and for after-sales services.

With more than 25 years of experience in developing specialized simulation and planning software for various industries, DUALIS works to enhance the customer's ability to compete in their respective markets. This is demonstrated by the hundreds of successful Smart Factory projects delivered by DUALIS since its conception.

We make the Smart Factory plannable!

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DÜRR GROUP.