

InFrame Synapse Scheduler

Detailed and fast production scheduling

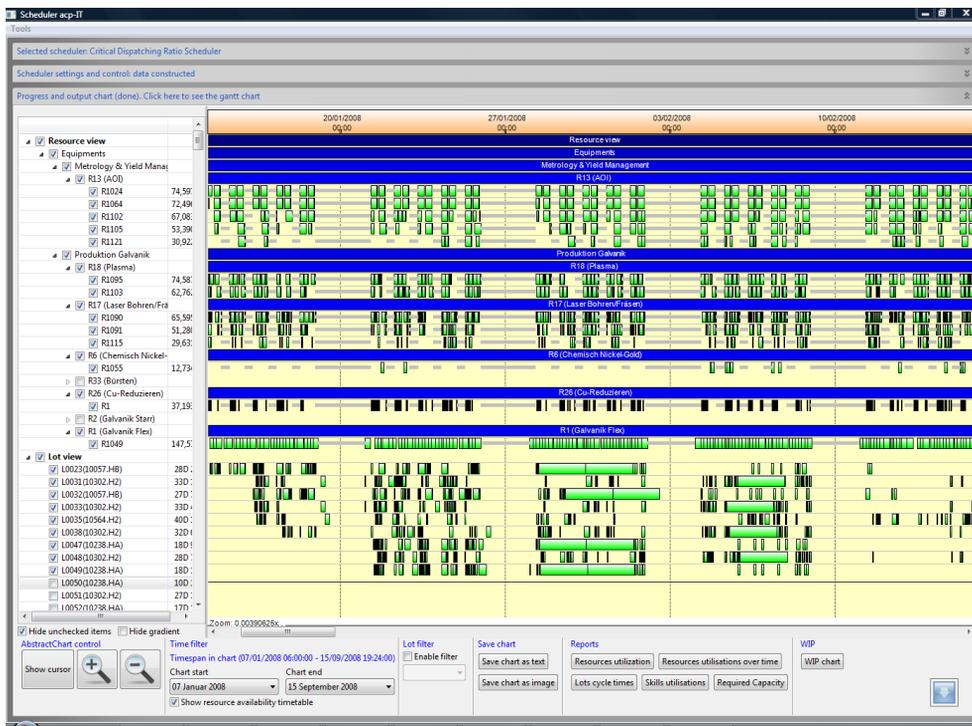
acp-IT accompanies you to face the challenge of hitting your customer due dates while keeping your production costs under control. Our innovative scheduling component together with our comprehensive know-how allows to provide a planning solution that exactly fits your needs.

Flexible through extendable resource models

The innovative concept of resource models allows you to model the timing of your equipments. We provide out-of-the-box models for single lot, throughput equipments (serial batch) and parallel batch equipments. All these models can be extended or custom models can be added. We adjust the model to your factory not vice versa.

Multi-resource planning

Employees are often deployed to the current bottleneck of the factory without considering the overall impact. Our scheduling component considers all required resources (operators, machines and required tools). Employees are assigned to process steps by their skills. Shift and holiday calendars can be assigned to each resource.



Rich GUI for visualization and reporting

InFrame Synapse Scheduler provides a customizable and very fast Gantt chart view for resources and lots, resource utilization charts and monitoring and reporting capabilities for KPI's such as on time delivery or throughput.

Who we are

With our locations in Stuttgart, Dresden, Villach (Austria) and Timisoara (Romania) we offer professional IT products and services for planning and operation of high-tech manufacturing facilities.

Compare different scenarios

The scenario manager allows you to manage and compare different scheduling scenarios. E.g. to evaluate if an additional shift in a certain area helps to overcome production bottlenecks.

What we do

High-specific skills in industrial engineering, shop floor control and IT know-how are applied to the demands of the semiconductor and photovoltaic market as well as in the field of optoelectronics and electronics.

FEATURES

InFrame Synapse Scheduler

Fast

- Less than 2 minutes calculation time for over 300.000 activities
- Fast Gantt chart capable of handling huge amounts of activities

Flexible

- Extendable resource models
- Fully customizable GUI and reports

Scalable

- Handling of process flows with several hundred steps and several hundred resources

OUR SERVICES

- Reliable know-how in analyzing, dimensioning and optimizing production systems as well as the transformation into the digital factory world
- Implementation of the InFrame Synapse MES for the monitoring and control of complex manufacturing sites
- Conception, development and implementation of customer specific software solutions for automation and equipment integration
- IT consulting for software architectures, design and quality assurance and SEMI standardization

CONTACT

acp-IT AG
advanced clean production
Information Technology AG

Tobias Getrost

Martin Bischoff

Handwerkstraße 29
D-70565 Stuttgart

T: + 49 (0) 711 7 82 40 89-44

F: + 49 (0) 711 7 82 40 89-10

info@acp-it.com

www.acp-it.com