

skyplanner

SkyPlanner APS -
Advanced planning and scheduling

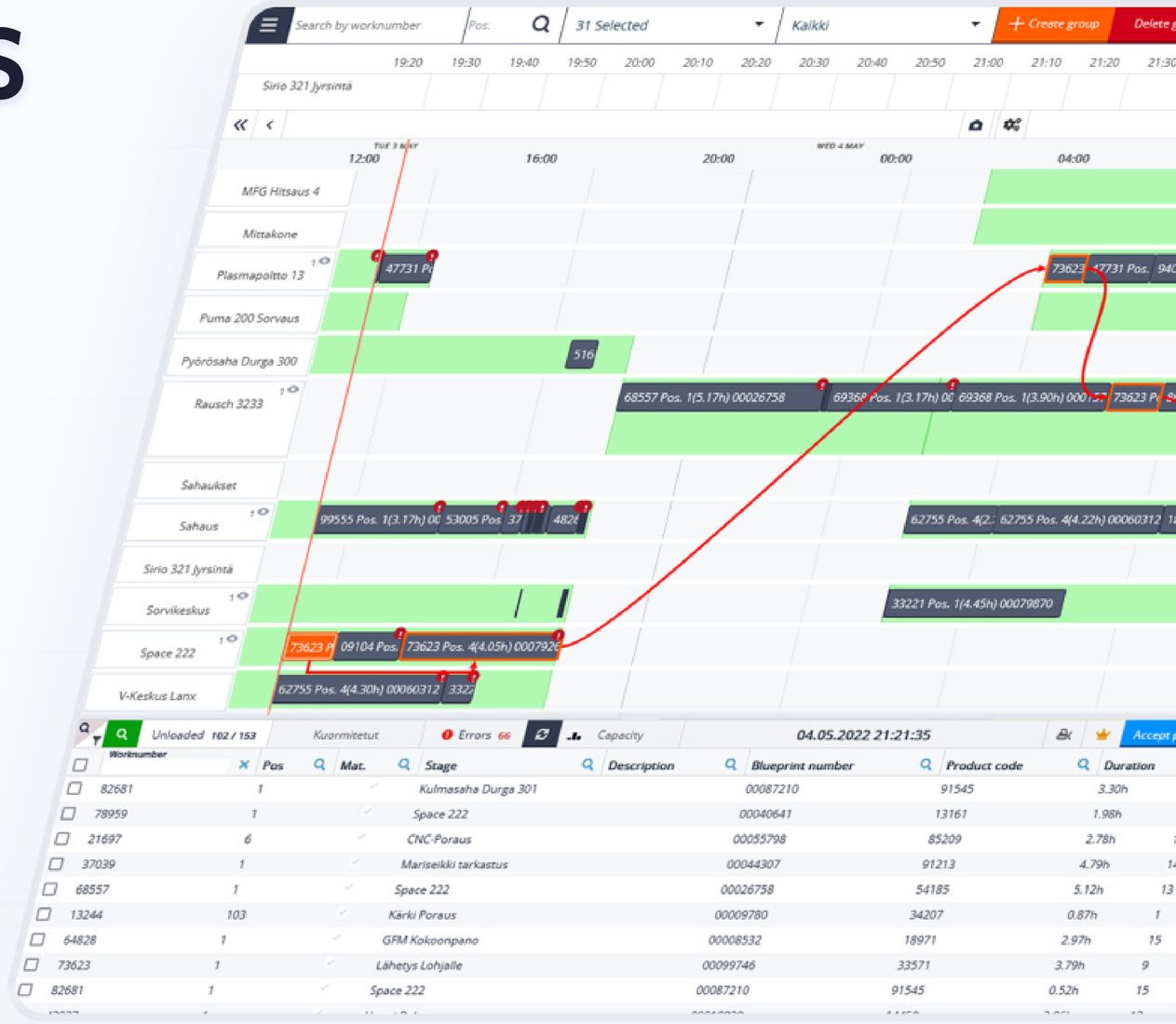
A problem in factories

- There are hundreds or even thousands of tasks that should be distributed to machines and people in the most optimal order
- There are an astronomical amount of alternative production schedules and possible orders
- Every task includes many work phases that need to be completed in the right order (i.e. cutting, welding, painting, packaging)
- Currently production schedules are planned manually using the human brain
- Current tools in production planning are commonly Excel or other manual editors
- The results are poor production planning and efficiency in a factory. Additionally, deliveries are often late.



Solution: SkyPlanner APS

- SkyPlanner is a cloud-based software for production planning and creating a production schedule for a factory
- The self-developed AI in SkyPlanner organizes tasks in an optimal order so that the factory will be more efficient and reliable
- SkyPlanner can be integrated to all ERP systems
- SkyPlanner could be described as a navigator calculating the most optimal "route" for production



APS = Advanced Planning and Scheduling

How SkyPlanner APS works?

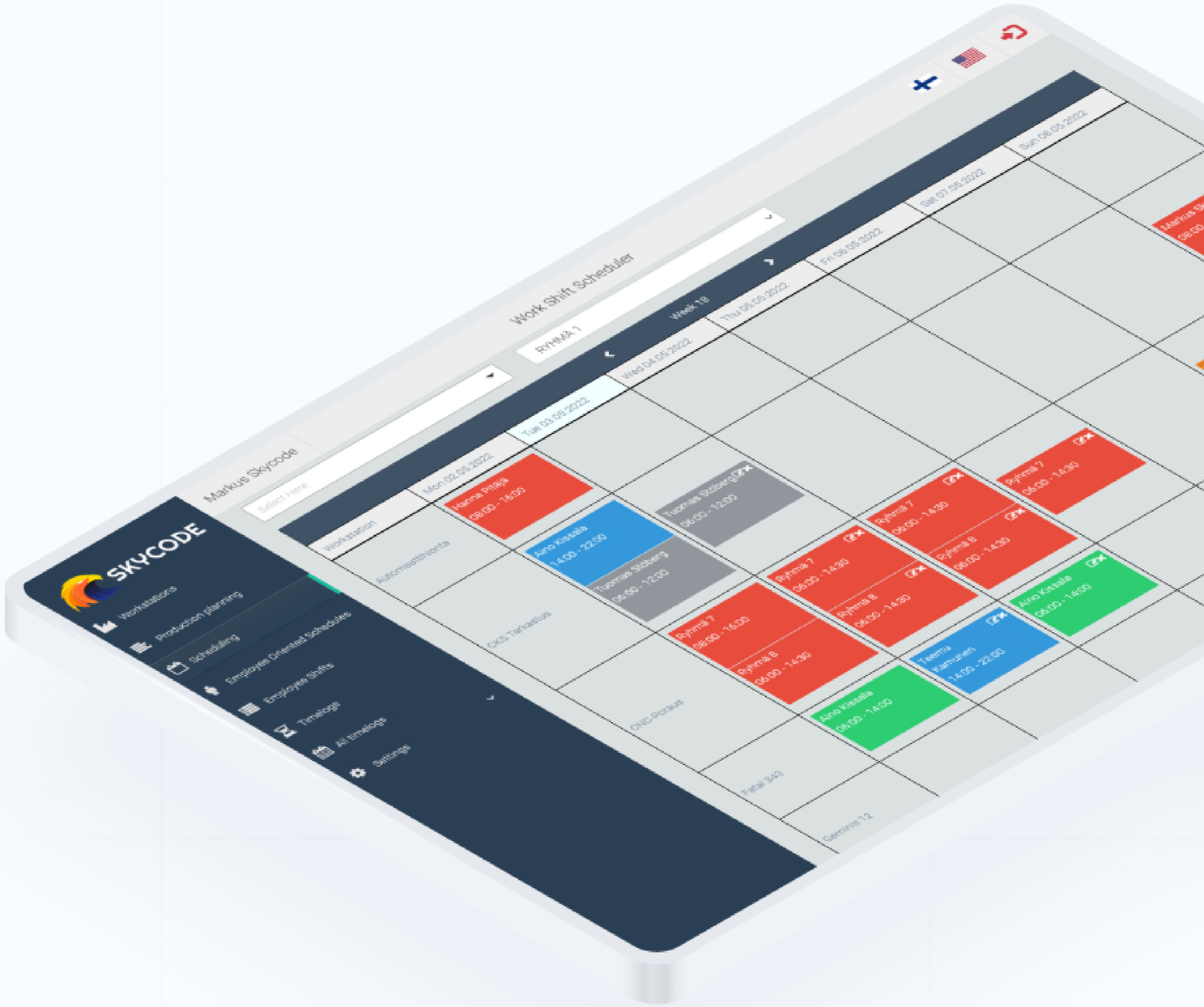
SkyPlanner APS is seamlessly integrated with an Enterprise Resource Planning software of a factory. SkyPlanner transfers data from ERP systems and receives i.e. order information, delivery dates, products, material information and stock levels, purchase orders, staff and workstations among other things. Based on this data SkyPlanner APS optimizes a factory's production plan.

Users have multiple ways to affect the production schedule and the functionality of our AI by e.g. setting priorities and rules that SkyPlanner takes into account when optimizing a production plan. When changes occur a new production plan can be created in seconds.



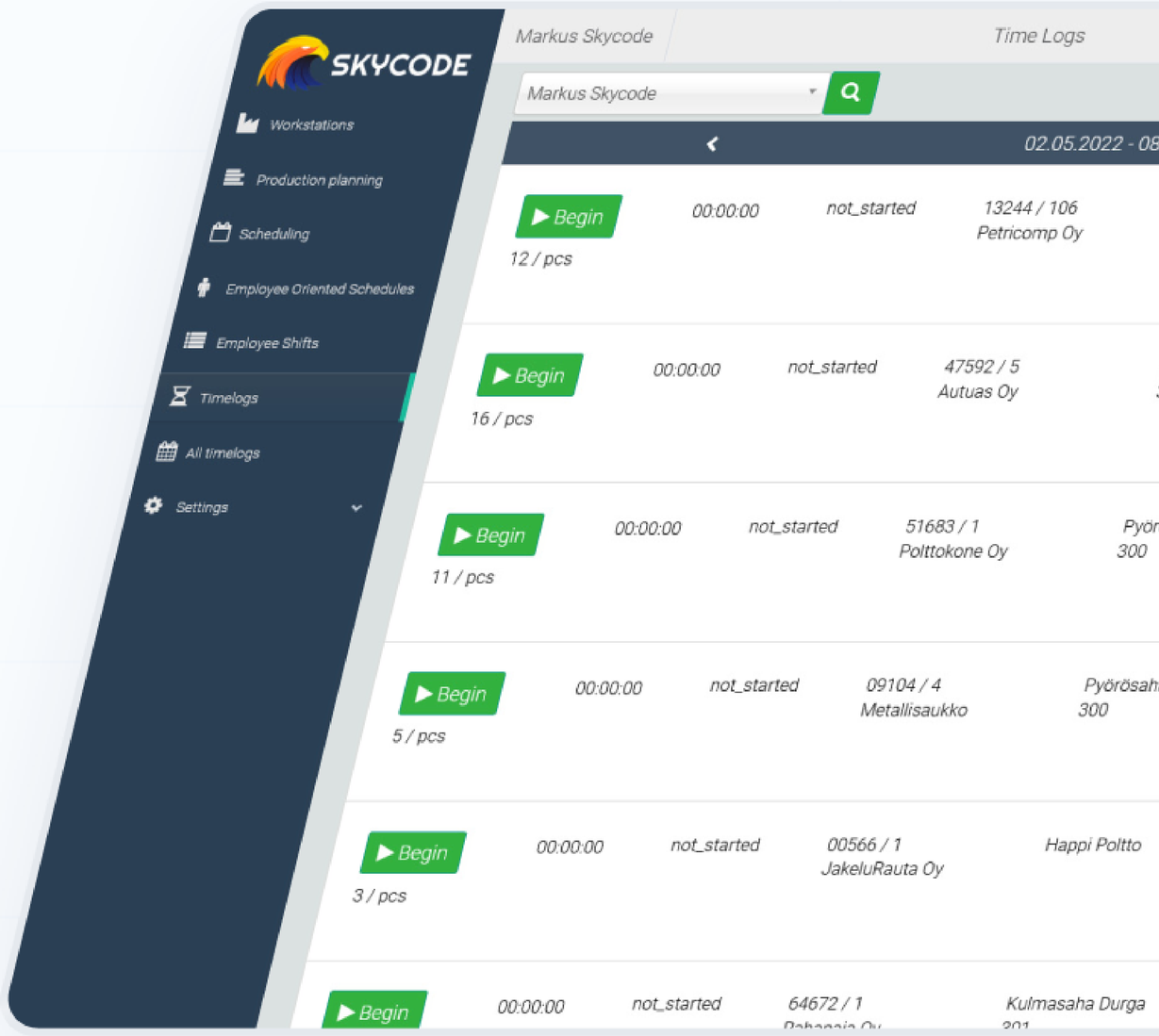
SkyPlanner features

- Artificial intelligence schedules tasks
- Production simulations and tracking on a modern interface
- Simulation of different material scenarios
- Simulation of sales prospects
- Management of sub-contractors
- More precise control of capacities
- More precise logging of time on mobile devices
- Problem scenario predictions



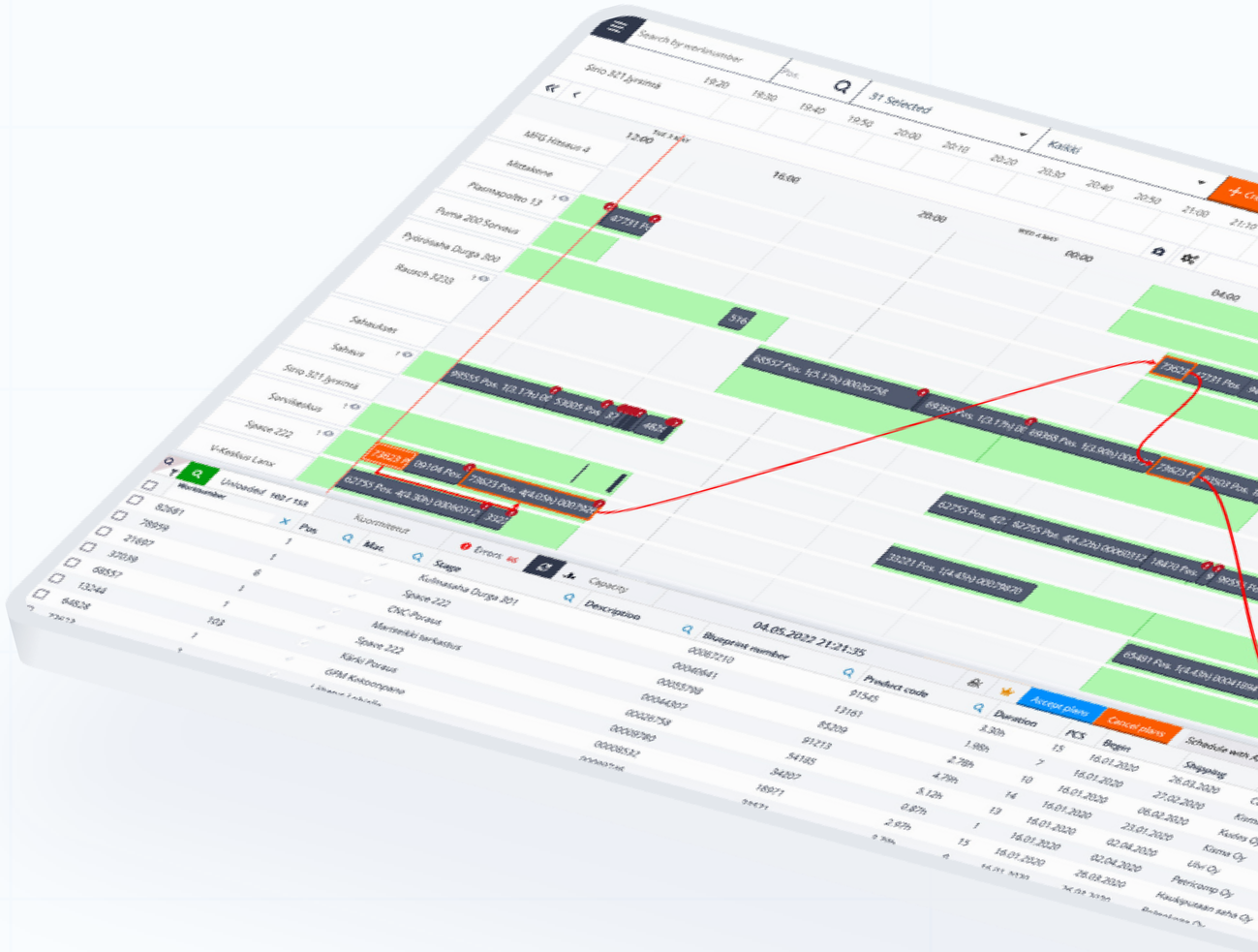
Why SkyPlanner?

- Automatic yet configurable artificial intelligence
- Extremely fast calculation times
- Versatile control of AI by users
- Enables supply chain optimization
- SkyPlanning – A unique production planning method
- A modern and pleasing user interface on all devices
- Flawlessly integrable and expandable



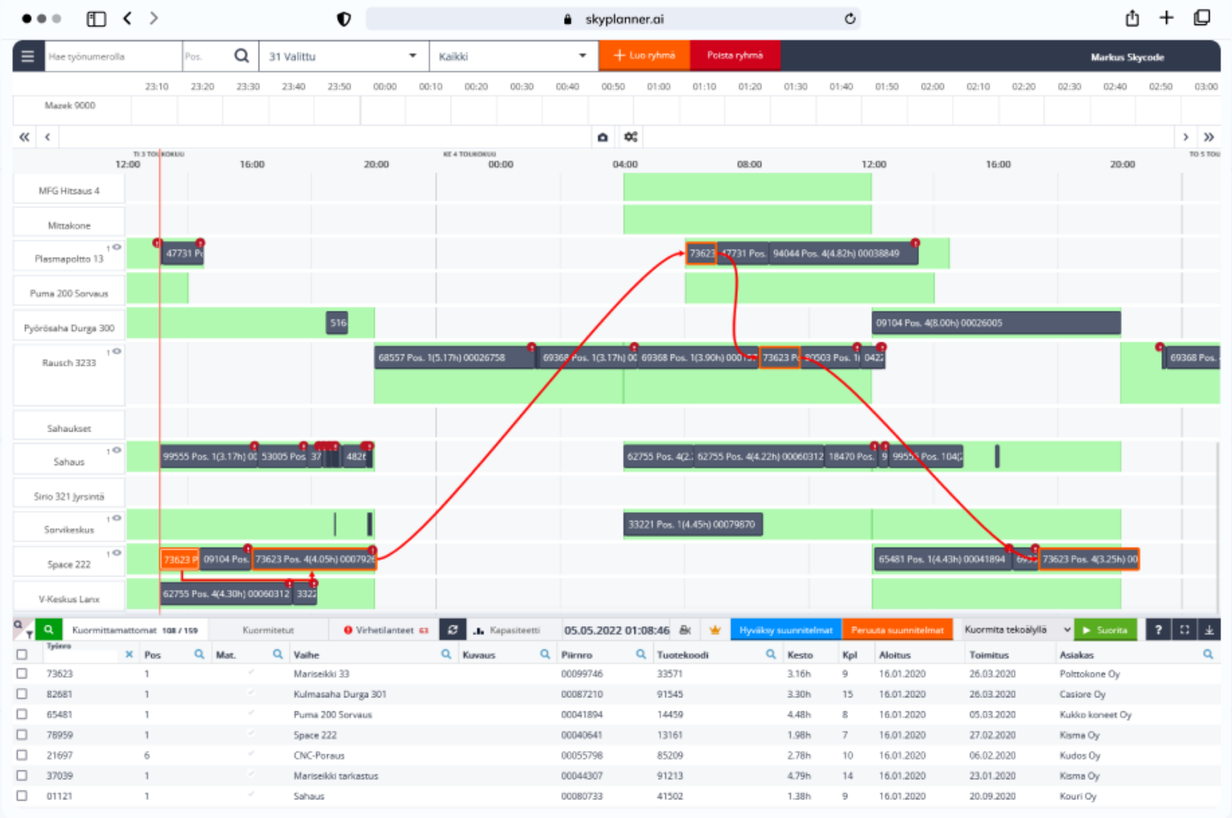
Advantages of SkyPlanner

- Factory's production flow improves → More production
- Reliability of delivery improves → Products delivered on time
- Savings in planning time → Use time more productively
- Foreseeing of problem scenarios → Avoid production stalls etc.
- Simulation of material scenarios → Timely completion of tasks



SkyPlanner deployment process

1. Book a demo presentation on skyplanner.ai
2. Kick-off project where we go through your production process, needs and integrations
3. Development of integration
4. Testing and deployment in production environment



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