



APS PlanViewTM

Next step for smart factory



SMART Factory





PlanView™

PlanView™ APS is a simulation software for optimized planning and executing process in manufacturing line, that provides an accurate production plan which reflects changes from operation immediately.



Legacy System



Next step for smart factory

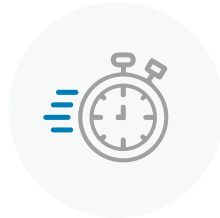


PlanView™ APS features



High efficiency

- Simulate various alternatives
- Provide optimal efficiency through integration with FactoryView™ MES
- Various user KPI¹⁾



Optimization

- Shorten simulation time by optimized engine
- Optimum response to lot (or batch) production / Continuous-flow production / semi-batch production



Cost effective

- Easy to use, low-maintenance
- Reduce introduction period and cost by maximizing package benefits

PlanView™ APS major function

Planning

MPS²⁾, CRP³⁾, MRP⁴⁾

Work Calendar, Leveling Production

Predict demand for resource planning



Scheduling

Apply schedule plan, work order objective function, and constraint formula

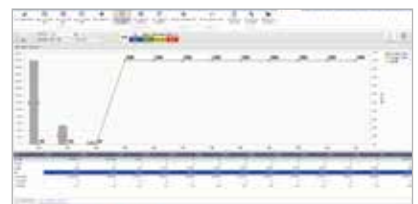
Establish / change production schedule by identifying changes in production site



KPI Analysis

Performance analysis in comparison to plan

Simulated information analysis



¹⁾ KPI : Key Performance Indicator

²⁾ MPS : Master Planning and Schedule

³⁾ CRP: Capacity Requirements Planning

⁴⁾ MRP : Material Requirement Planning



PlanView™ APS applicable industry

Assembly manufacturing

- Automobile, machinery, electronics, etc.

Single-product processing and parts manufacturing

- Automotive parts, mechanical parts, electronic components, casting, forging, molds, heat treatment, surface treatment, semiconductors / LCDs, etc.



PlanView™ APS system requirements

| Field | System requirements | Note |
|------------------|---|---|
| Operating system | Windows7 64Bit / Windows10 64Bit | |
| DBMS | MS-SQL | DB specifications can be discussed separately |
| APS SERVER | Intel Xeon 4Core above, 8Core recommended RAM 16GB above, 32GB recommended | |

*System requirements can be adjusted according to data, user, compute capacity, etc.



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