

	Proplanner Platforms		
Feature	Planning	Execution	PFEP
Process and Quality			
Predetermined: time study MOST (Basic/Mini/Maxi), MODAPTS, MTM (UAS/B/MEK/2)	X		
Observed: time study (Live and Video-based with video benchmarking)	X	X	
Estimated and shop-floor collected time study	X	X	
MUDA waste analysis	X		
Man-Machine analysis visualization and AutoCAD-based animation	X		
MURI, EAWS and OCRA ergonomic assessment	X		
Multi-Level Routing Authoring (Custom Fields and Document Mgmt)	X	X	
Roles and Permissions based authoring, viewing, history tracking	X	X	X
Configured routing authoring (Models/Options/Variant rules)	X	X	
Effectivity managed routing levels (date/series/order)	X	X	
Tooling resource management (custom attributes, documents)	X	X	
Automatic UNIT mBOM and Routing Generation from Order Rules	X	X	
Customizable PFMEA (AIAG/VDA) and Control Plans	X	X	
Risk prediction and assessment	X	X	
Extensive customizable search and filter capabilities	X		
Process based Costing	X		
Assembly Line Balancing			
Mixed Model (order/variant weighted) assembly line balancing	X		
Routing-level Precedence Mapping (Grouping/Clustering/Interoperator)	X		
Interactive yamazumi charting with intelligent color-coded tiles	X		
Manual and algorithm-assisted task assignment	X		
Drift analysis charting and reporting	X		
Multi-scenario comparison and resource/part reallocation reporting	X		
Line Balance scenario publishing to Shop Floor	X	X	
Scenario refresh for changes to product and process	X		
ERP integrated (manual and automated) order scheduling/slotting	X		
Multi-level constraint management (Resource/Ergo/Precedence/etc.)	X		
Mfg Change Management and mBOM Authoring			
mBOM Authoring (import/export, process consumption, reconciliation)	X	X	
Extensive customizable PDM/PLM/ERP/Excel import and export			
ECO/eBOM import triggering MCO/mBOM generation	X	X	
Detailed Process change notification upon mBOM change	X	X	X
Customizable manufacturing change workflow	X		
Automatic model/option variant mapping (product to process)	X		
Consumed-parts mapping to process tasks	X	X	
Work Instructions/Andon and 3D Visualization			
Interactive 3D viewing/annotate/query of filtered (by station) model	X	X	
Support for many 3D CAD formats, visualize modes, measure, x-section	X	X	
Routing, mBOM and 3D CAD model synchronization (Item-ID mapping)	X		
Auto-merge of multiple Routings, 3D Model files and mBoms	X	X	
Snapshot create/edit/annotate as well as named views	X	X	

Effectivity managed publishing and viewing	X	X	
Engineer-defined display formats (live and via PDF)	X	X	
Station and worker position login and filtered view with unit signon/off	X	X	
Shop Floor Viewer of static and dynamic(order-based) Instructions	X	X	
Non-conforming parts workflow and reporting		X	
Support for tablets and smart glasses		X	X
Assembly line unit sequencing and charting (manual and automatic)	X	X	X
MES/IIOT			
Hot-issue alerting and logging (email/SMS/Andon)		X	
Task-level document mgmt with picture and video (author/view)	X	X	
Shop Floor data collection (quality checks/serial numbers/etc.)		X	X
IIOT – OPC DA/UA Support (torque tools/PLCs/light boards)		X	
Worker station assignment and alerting (qualification/experience)		X	
IIOT Device-based data logging to process step and order		X	
Device location-based registration, reconciliation and ping	X	X	
Power-BI connector for user-defined reporting of unit log data	X	X	X
Andon product status reporting/logging and web-based display		X	
Worker task-level ID and time logging with break/stoppage mgmt		X	
In-Plant Logistics			
Plan for Every Part (PFEP) database (eKitting and eKanban)	X	X	X
Kitting execution (Kit-cart scanning, part picking, delivery mgmt)	X	X	X
Kanban execution (Android device) part picking, eKanban mgmt	X	X	X
AutoCAD layout-based fork/tugger diagramming/analysis	X		X