Preactor Smart Factory

Supply Chain Planning

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Preactor
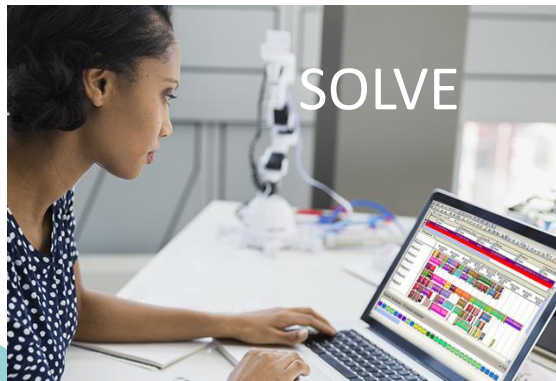INTERNATIONAL®
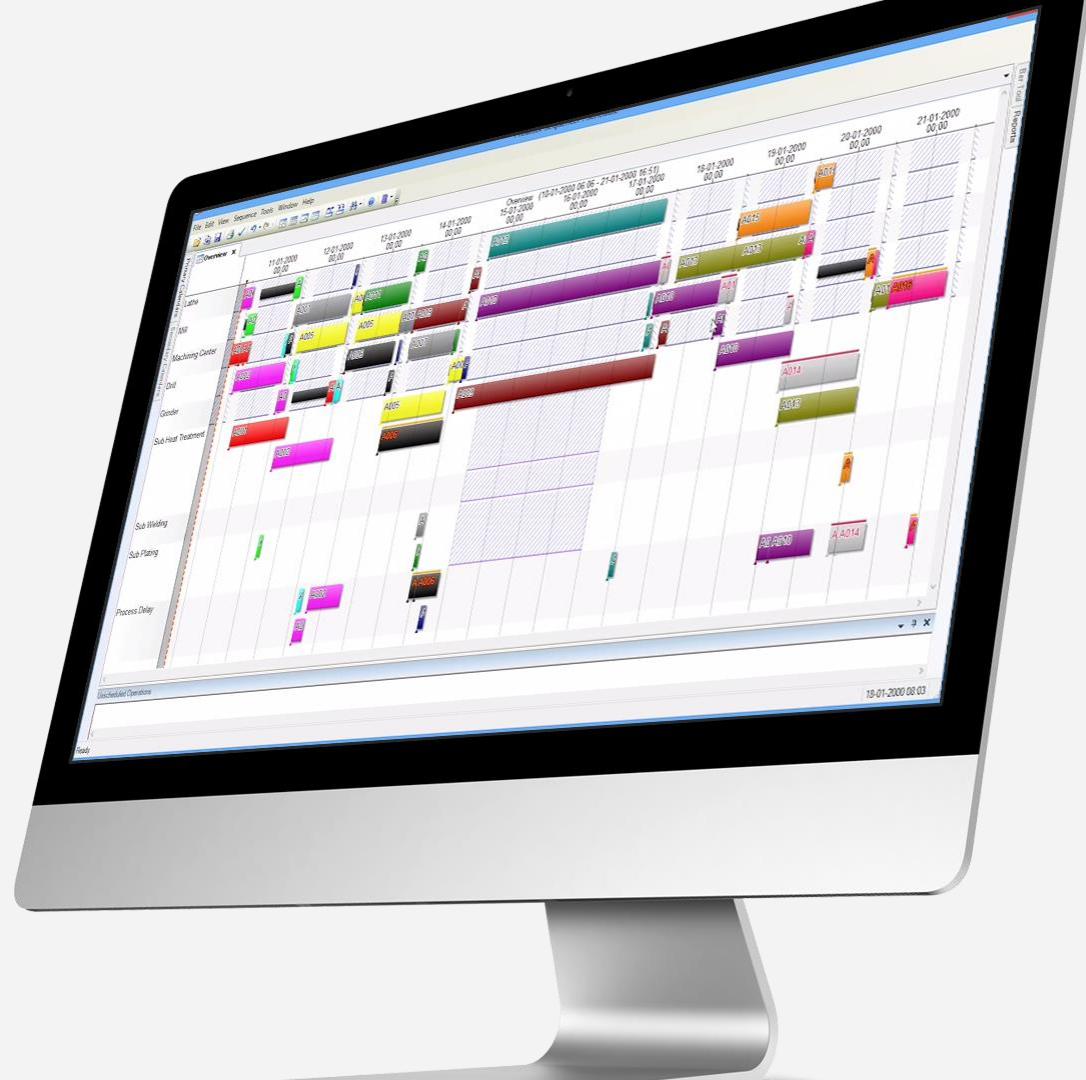
Preactor Smart Factory

Preactor is an APS system that solves factory process traffic by linking planning, automation and monitoring technologies

IMPACT %

- **Speed** +100
- **Automation** +100
- **Throughput** +25
- **Service** +25
- **Inventory** -25
- **OEE** +15
- **Setups** -15
- **Lead Times** -15
- **Costs** -10
- **Expenditures** -10
- **Waste** -15

Preactor

SOLVE

Pre-act

COORDINATE

ADJUST

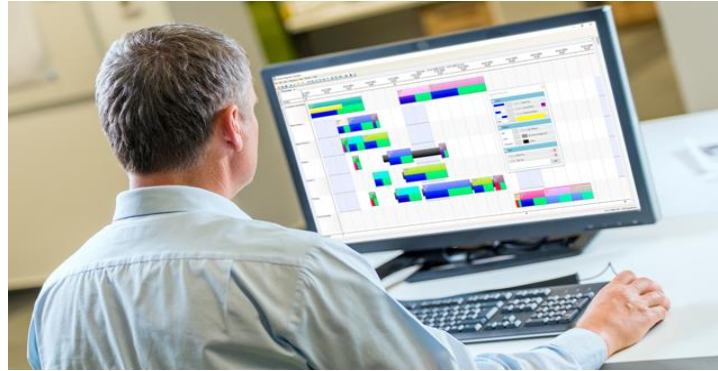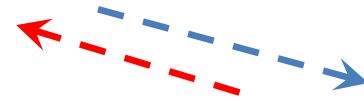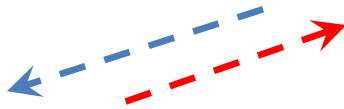EXECUTE
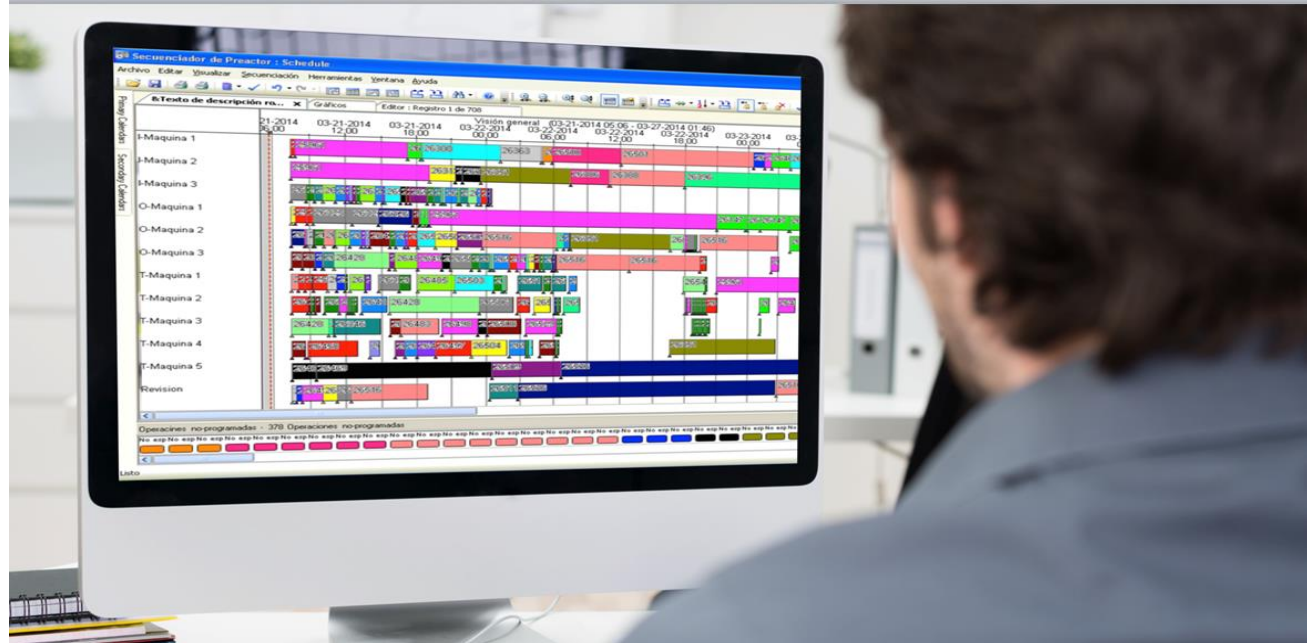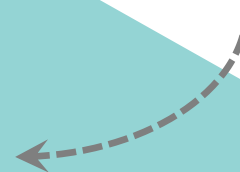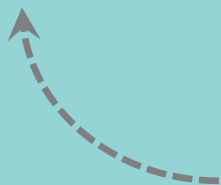
Re-act

Preactor Smart Factory

Adjust Schedules

Production and Material Tracking

Machine Breakdowns

Order Updates

APS Scheduling	MRP Planning	MES Execution
Finite Capacity	Scenarios	Automation
Alerts	Custom Boms	Whs/Mes
Setups	Custom Pegs	Staff and Tools
Constraints	Bottlenecks	KPI Metrics
Calendars	Supportability	Barcodes/RFID
Custom Rules	Simulation	Materials/QC
Automation	Min/Max/Lots	Interfacing
Optimization	Forecasting	Sensors/Apps

End to End Decision Mapping and Tracking

```
┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐
│ Foundry  │──▶│ Casting  │──▶│   Cut    │──▶│   Heat   │──▶│Sand blast│──▶│   Pack   │
│ (Sheet)  │   │ (Rolls)  │   │ (Discs)  │   │ (anneal) │   │ (polish) │   │          │
└──────────┘   └──────────┘   └──────────┘   └──────────┘   └──────────┘   └──────────┘
```

End to End Decision Mapping and Tracking

| Foundry (Sheet) | → | Casting (Rolls) | → | Cut (Discs) | → | Heat (anneal) | → | Sand blast (polish) | → | Pack |
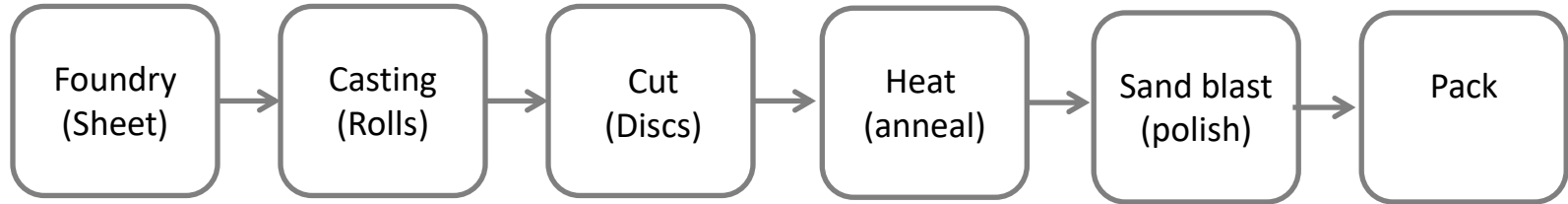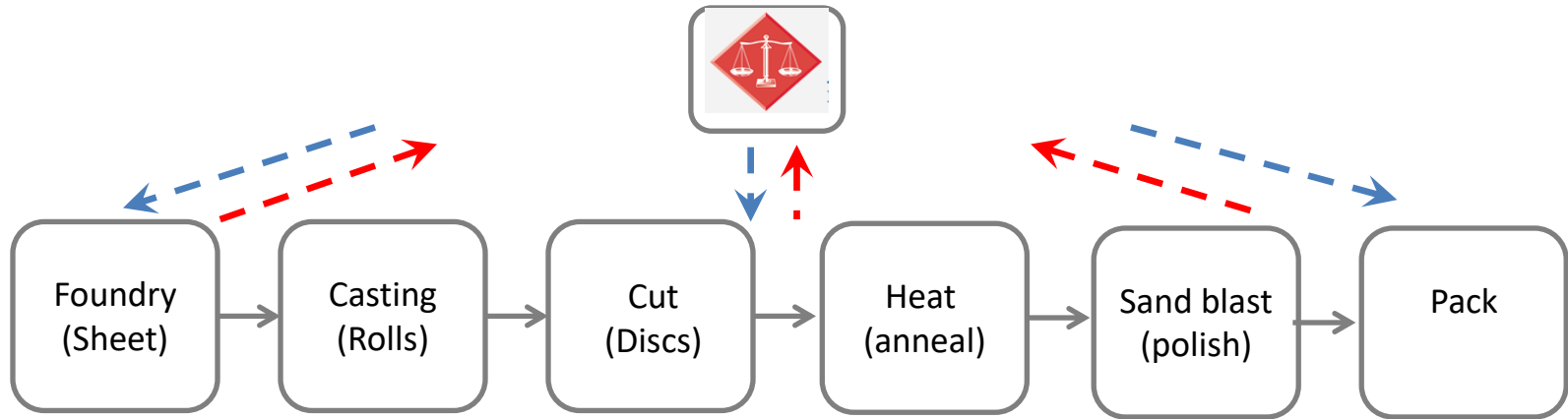
- Forecasting
- Purchasing
- Sequence by metal
- Roll width
- Cut optimization
- Track and adjust
- KPi

- Forecast and demand plan
- MRP
- APS Scheduler
- Inventory Projections
- LP Solver - pattern
- Mobile tracker tools
- Platform KPIs and alerts

4 Simultaneous Versions

Our 25 Year International Experience

- PEPSI
- DANONE
- KROGER
- QUAKER
- CORONA BEER
- NESTLE
- FRISA WYMAN AEROSPACE
- SAN MARTIN MACHINERY
- CENTRAL BANK
- TUPPERWARE
- GALAS PACKAGING
- SIEMENS ELECTRONICS

- ELI LILLY
- UQUIFA PHARMA
- GROSSMAN PHARMA
- KIMEX TEXTILES
- TEXTRON AUOMOTIVE
- RASSINI AUTOPARTS
- GIS TABLEWARE
- CCL AUTOPART
- CCL CONTAINER
- CROCS
- WORLDMARK ELECTRONICS
- ENKADOR TEXTILES

- ENGRAMEX GEARS
- TURMIX APPLIANCE
- POLYKON BOTTLING
- ALCAN PACK
- SIEMENS ENGINES
- INNOVIA FILMS
- SQI SEMICONDUCTOR
- MAXIM SEMICONDUCTOR
- LIBBEY CRISA
- CCL LABEL
- MAXION AUTOPARTS
- HP ENTERPRISE SERVERS

Preactor Experience

- Preactor International on the market for 30+years: 10k licences in 100 countries

- System adapts to customer, not the other way around (6 programming languages)

- Links to any ERP or database, Excel

- 4 Versions: Excel/Desktop/Web/App

- Experience having benchmark comparison to all main APS systems

- 10 times more convenient than competitors: better price, experience and solution performance

- Custom algorithms and views for each project

- Siemens digital factory technologies (SCADA sensors, RFIDs, web apps, etc)

- 100% projects solved

All in One Preactor Smart Factory

Quote

Engineering

Scenarios

MRP

Scheduling

Warehouse

Shop Floor

Costs

Metrics

Automation

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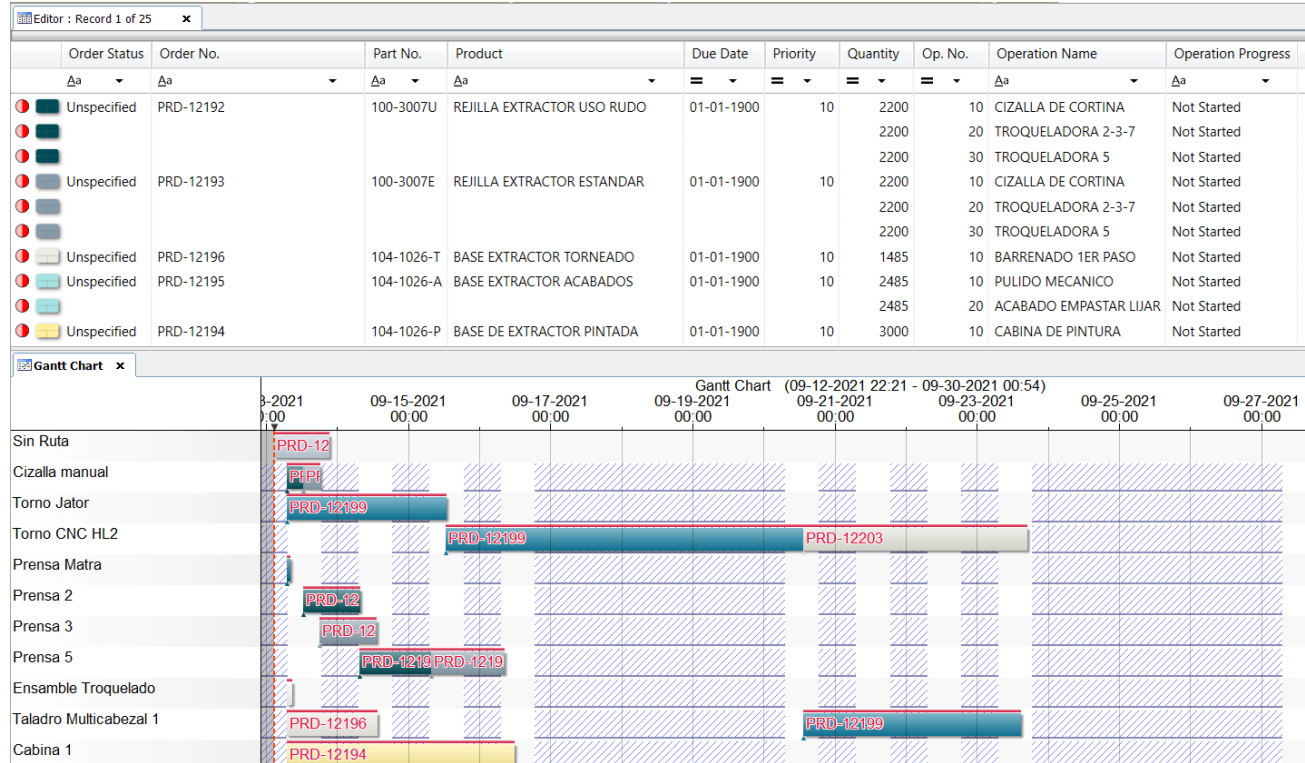
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