



VARCHART

**Workshop 5: MBS
Navision Applications
using VARCHART
XGantt and XTree**

**Egon Heutz
Sales & Support Manager**

Overview

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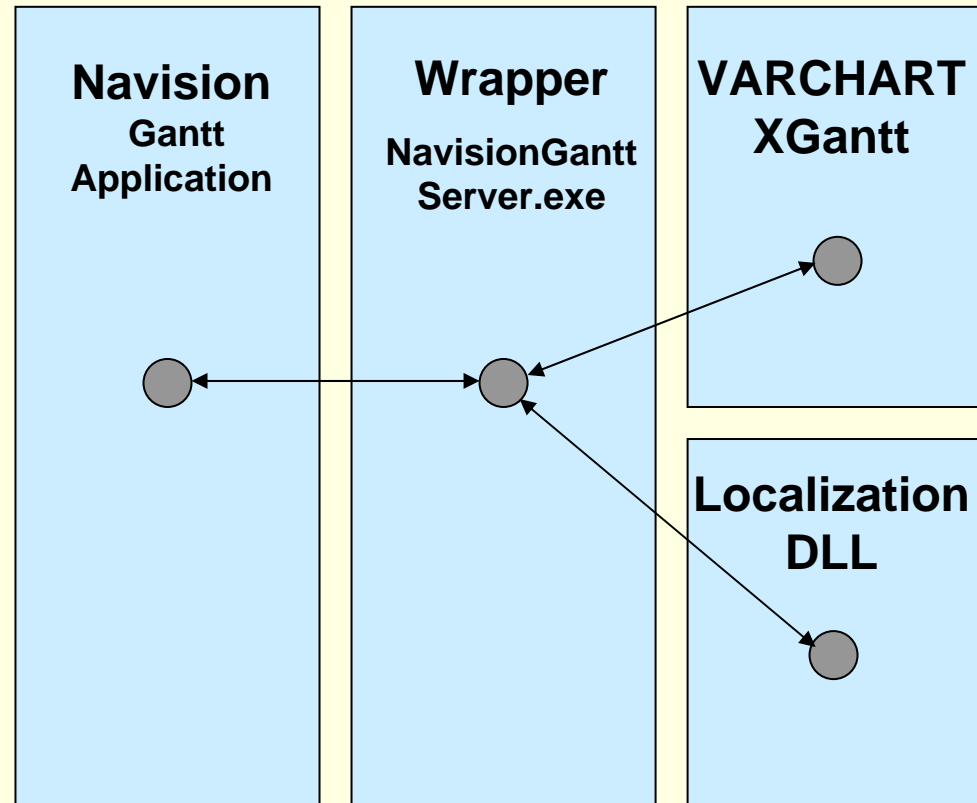
Production Schedule
Gantt

NETRONIC
Prototypes

- MBS Navision 4.0: Production Schedule Gantt Application
- NETRONIC Prototypes together with MBS Navision 3.x and 4.x

MBS Navision 4.0: Production Schedule Gantt Application

Production Schedule Gantt



MBS Navision 4.0: Production Schedule Gantt Application



Production Schedule Gantt

- **Functionality:**
 - Production Order View
 - Resource View
 - Histogram
 - Interactions in the Gantt view
- Customization
- Special aspects

Functionality

NAVISION
Applications
Functionality
Customization
Special aspects

- Production Order View ▶▶
- Resource View
- Histogram
- Interactions in the Gantt views
 - To view the data
 - To re-schedule operations
 - By button clicks (Help, Cancel, Save)

Customization

NAVISION Applications

Functionality

Customization

Special aspects

- Solutions
 - Using the NETRONIC customization service
 - “Do it yourself” with the following requirements
 - Developer license of VARCHART XGantt 3.x
 - Development environment VB6 to customize the wrapper
 - Source code of the VB6 project NavisionGanttServer
- Live demo [▶▶](#)

Special aspects

NAVISION
Applications
Functionality
Customization
Special aspects

- Localization dll: vcgmbs.dll
- No access to the NETRONIC Print Control functionality
- No default context menus on the XGantt objects like Node, Link, Timescale, Group,...

NETRONIC Prototypes together with MBS Navision 3.x and 4.x



NETRONIC
Prototypes

- Collaboration between the components
- VARChart XGantt sample
- VARChart XTree sample
- Next steps

Collaboration

NETRONIC Prototypes

- Collaboration
- VARCHART XGantt
- VARCHART XTree
- Next steps

- Codeunit or Report inside NAVISION over the C/SIDE
- Wrapper written as an ActiveX-Exe
- Data transfer: Textstring for each data record ▶▶
- Full control over all the existing events fired by our components

Samples

NETRONIC Prototypes

- Collaboration
- **VARCHART XGantt**
- **VARCHART XTree**
- Next steps

- **VARCHART XGantt**
 - **Order delivery dates**
 - **Application areas:**
 - Field Service
 - Reservation
 - Project Management
 - Manufacturing
 - Human Resources,...
- **VARCHART XTree**
 - **Bill of materials application**

Next steps

NETRONIC Prototypes

- Collaboration
- VARCHART XGantt
- VARCHART XTree
- **Next steps**

- Usage of VARCHART XGantt .NET edition instead of ActiveX
- Integration of our XGantt Resource Scheduler module



VARCHART

**Thank you for
your attention.**

Questions?

Loading Data

```
Trennzeichen := ',';
```

```
IF "FA-Arbeitsgang".FIND('-') THEN
```

```
  REPEAT
```

```
    Textstring := "FA-Arbeitsgang"."Prod. Order No." + Trennzeichen +
```

```
      "FA-Arbeitsgang".Description + Trennzeichen +FORMAT ("FA-  
Arbeitsgang"."Starting Date",0,'<Day,2>.<Month,2>.<Year,2>')+ '' +
```

```
      FORMAT("FA-Arbeitsgang"."Starting  
Time",0,'<Hours24>:<Minutes,2>:<Seconds,2>')+ Trennzeichen +
```

```
      FORMAT("FA-Arbeitsgang"."Ending Date",0,'<Day,2>.<Month,2>.<Year,2>')+  
'' +      FORMAT("FA-Arbeitsgang"."Ending
```

```
Time",0,'<Hours24>:<Minutes,2>:<Seconds,2>')+ Trennzeichen +
```

```
  FORMAT("FA-Arbeitsgang".Status) + Trennzeichen +
```

```
  "FA-Arbeitsgang"."Routing No." + Trennzeichen +
```

```
  "FA-Arbeitsgang"."Operation No." + Trennzeichen +
```

```
  "FA-Arbeitsgang"."Previous Operation No." + Trennzeichen +
```

```
  FORMAT("FA-Arbeitsgang"."Routing Status") + Trennzeichen +
```

```
  "FA-Arbeitsgang"."No." + Trennzeichen +
```

```
  FORMAT(FAKapa."Allocated Time") + Trennzeichen +
```

```
  FORMAT("FA-Arbeitsgang"."Routing Reference No.");
```

```
XG_AS.InsertNodeRecord(Textstring);
```

```
UNTIL "FA-Arbeitsgang".NEXT = 0;
```

◀ back