



you.model.it, the flexible development and integration toolkit for enterprise-wide traceability & quality management

Requirements for traceability solutions differ from business to business. Thanks to the unique visual class-based modelling environment, you.model.it allows to quickly develop personalised you.trace.it configurations that reflect the Material Tracking & Tracing (MTT) and Product Quality Management (PQM) business requirements of individual customers.

Reflect customer needs

- Made-to-measure you.trace.it configurations
- Short implementation times
- Industry-independent
- Custom models with customer-specific terminology
- Offer multi-lingual user interfaces to end users.

Integrate with third-party systems

- Modular, generic software
- Easy to use developer's environment
- Protect investments in customised software
- Seamless integration with external systems (OPC, SQL, etc.)
- Open interface to central systems governed by the authorities to guarantee traceability throughout the entire supply chain (e.g. Sanitel, Beltrace).
- Open interface to ADO data sources allows reuse of data in existing databases
- All you.trace.it functionality can be invoked from within the host application of your choice using ytiom.dll (you.trace.it object model).

Compliance

- EU 178/2002
- KB 14/11/2003
- ISO 22000
- HACCP
- BRC-3
- IFS

Technologies

- OPC, OLE for Process Control
- MS SQL Server
- MS VB Scripting

Standards

- EAN
- SSCC
- RFID

System integration

- Control systems (PLC)
- ERP, MES, SCADA systems
- Printing equipment
- RF tag readers / writers
- Barcode & label applicators
- Third-party data sources.

Configuration design

- Define process stage classes for the operations in the process for which traceability records must be kept
- Lot IDs are assigned according to a unique and proven identification system and related lot IDs in consecutive stages are linked
- Define quality controls to register quality data in process stages. Records with quality data are linked to the lot IDs
- Define custom classes for consistent data registration
- Define attributes for all classes
- Link classes using object links
- Set user rights based on Windows NT Security model.

Functionality customisation

Forms and grids are auto-generated, but both their layout and code can be customised in the embedded form generator and VBScript code editor:

- Design personalised form and grid layouts for all classes
- Add custom functionality via the VBScript code editor
- Develop custom code modules and use global variables
- Reuse existing software components (dll, ActiveX).

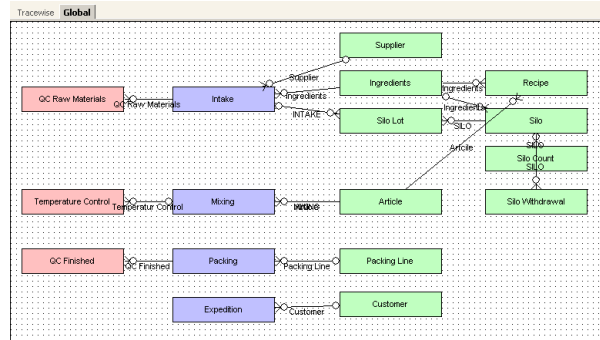
Real-time OPC communication

- Use OPC for automated data exchange between the database and software or machinery
- Define custom OPC events for real-time data exchange
- OPC compliant data capturing service (DCS), OPC Monitor
- Capture data through vendor-specific protocols.

Object model (OEM integration)

The included object oriented you.trace.it object model, ytiom.dll, is designed according to Microsoft standards. It allows to easily store and retrieve data from you.trace.it databases (no embedded SQL required).

» Class diagrams represent the business model that lays the basis for the you.trace.it program structure:



» Auto-generated forms (and grids) can be customised:

» Custom VBScript functions can be added to forms, grids and OPC events in the embedded code editor:

```

[General]
MakeDeposit

On Error Resume Next

If NOT bNew Then 'It concerns a new record. Write lot ID into Moby
If bSaveLot Then
MakeDeposit
End If
End If

End Sub

Private Sub MakeDeposit ()
'Check EditMode, valid silo selection, tare AND gross weight are f

Dim Capacity
Dim SiloName

If me.Recordset.EditMode <> 2 Then 'edit
If Trim(me.controls("txtTara_Weight").Text) <> "" AND Trim(me
If me.Controls("cmbSilo").ListIndex <> - 1 Then 'selected
Capacity= Cdbl(me.controls("txtGross_Weight").Text) -
SiloName = me.Controls("cmbSilo").Text

'check if LotId already exist in Silo
If NOT LotAlreadyExistInSilo(SiloName,me.Controls("txt

```