

# Flexibility levels in Ultimo

The power of flexibility.



# Flexibility levels in Ultimo

With our 30+ years of experience, we have been able to develop high-quality out-of-the-box software. And because of our practical experience, we also know the power of flexibility. Being able to configure the standard software to your company processes just little bit better. That's where Ultimo shines.

## Positively influence the user experience

Our product offer default includes the Ultimo Configuration Tool, with which a trained application manager can positively influence the user experience, the hands-on tool time and the reliability of management information. All the while still offering you the benefits of new software features.

In our offer, we distinguish between two flexibility levels. In Ultimo Professional we offer flexibility level 'Standard', and in Ultimo Premium and Ultimo Enterprise we offer the level 'Supreme'.

Below you can find a summary of the possibilities 'Standard' offers and the additional possibilities 'Supreme' offers.



The system is so intuitive that we were able to implement and train the users very fast."

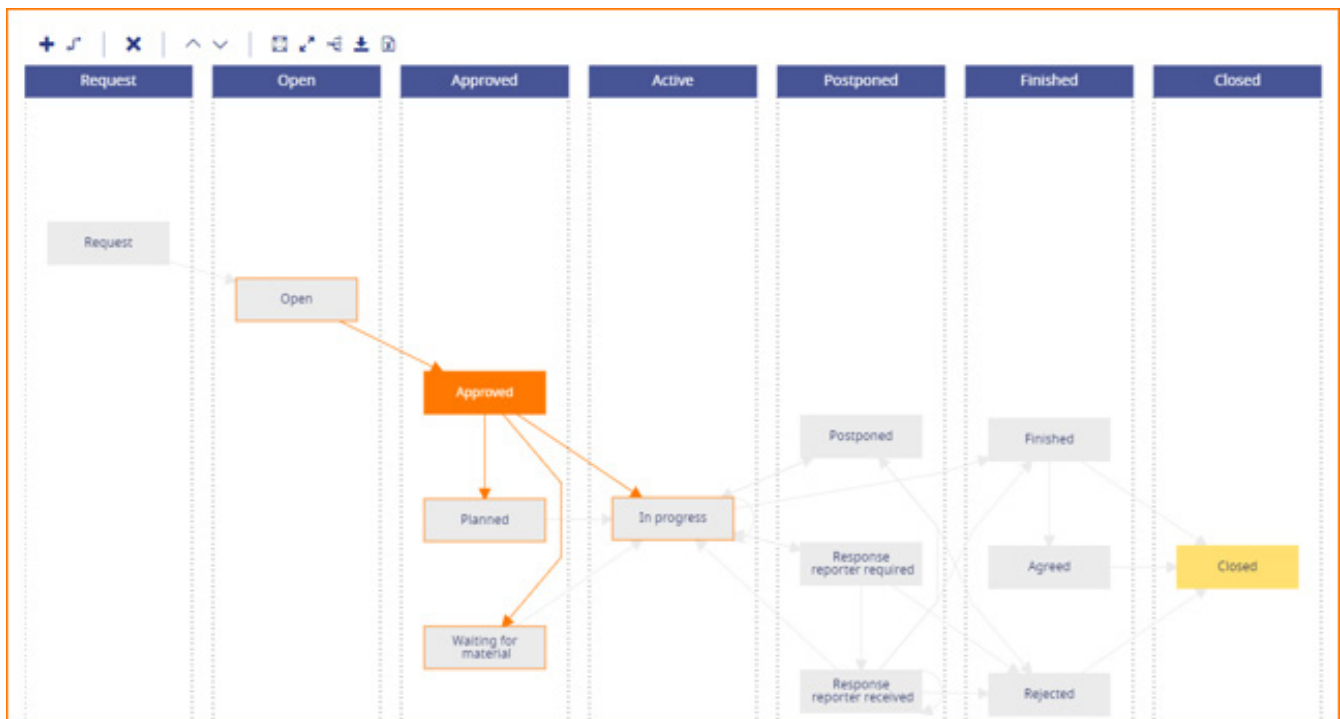


# Process setup - Standard

To set up a process, you can use progress statuses. Ultimo offers visual support with an intuitive graphic overview. In this overview, you can define every step in the process and adjust various settings. Who can initiate a next step in the process? You can authorise this per step by linking authorisation groups. Should a next step in the process not be reached before specific information has been filled in? By setting validation rules you can very easily enforce per progress status that the required information is always filled in.

Besides setting up all steps in the process, you can also set how Ultimo should behave during the process. By changing various process settings, you can set the paths Ultimo takes when performing various actions.

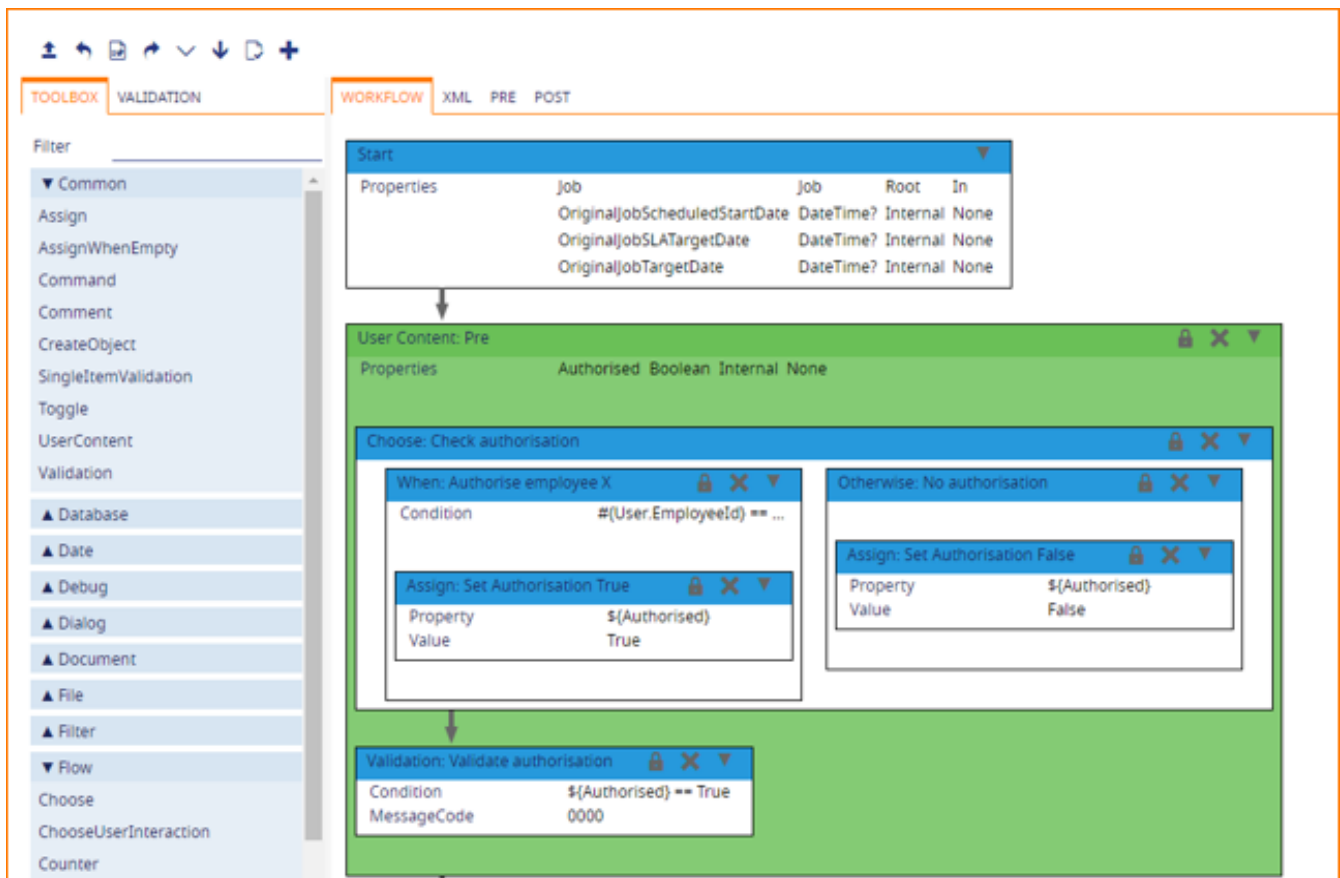
Be off to a flying start after setting up the process? You can accelerate this process by quickly entering large sets of data. From our own experience, Ultimo provides different data sets that can be added easily



# Process setup - Supreme

To further configure a process, standard actions can be provided with additional logic. First ask the user when the chosen action should continue? With the Workflow Designer you can apply additional logic prior to and following standard actions. It is also possible to completely write your own logic for actions not included in the standard actions.

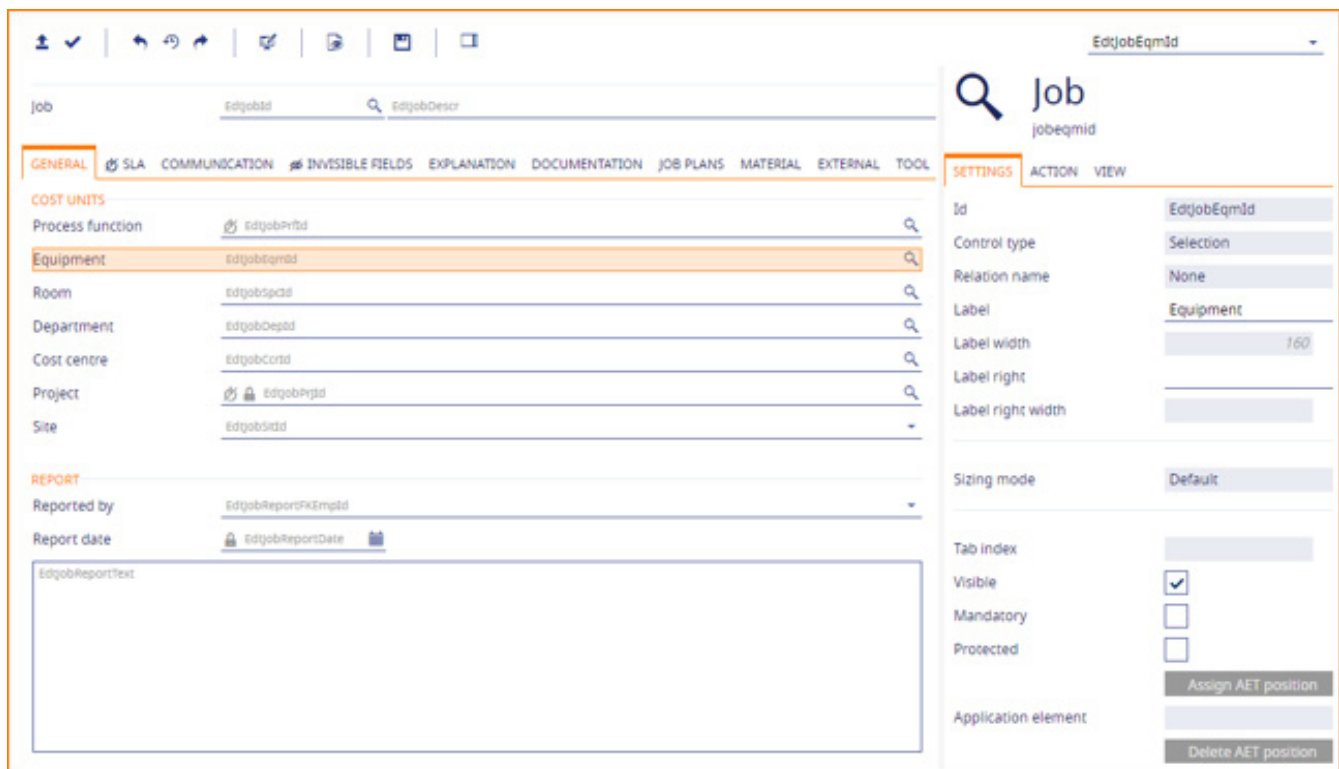
To guarantee the consistent entry of data during a process, or to support users in registering the right data, it is possible to create and set screen rules. This automatically enters or updates data while you input data.



# Screens - Standard

To go through the set process, Ultimo provides an ample set of standard screens. The information in these screens has been carefully compiled on the basis of all the process knowledge we have gained in the past decades. However, every process is different and requires a more specific setup in certain areas. Does the screen contain information that is not relevant for the process? By disabling standard functionalities, this information is automatically removed from the screens, and the layout adjusts dynamically. Do you only want to change a specific field in a specific screen? By setting different field attributes, the presentation, visibility and order of fields can be changed in screens.

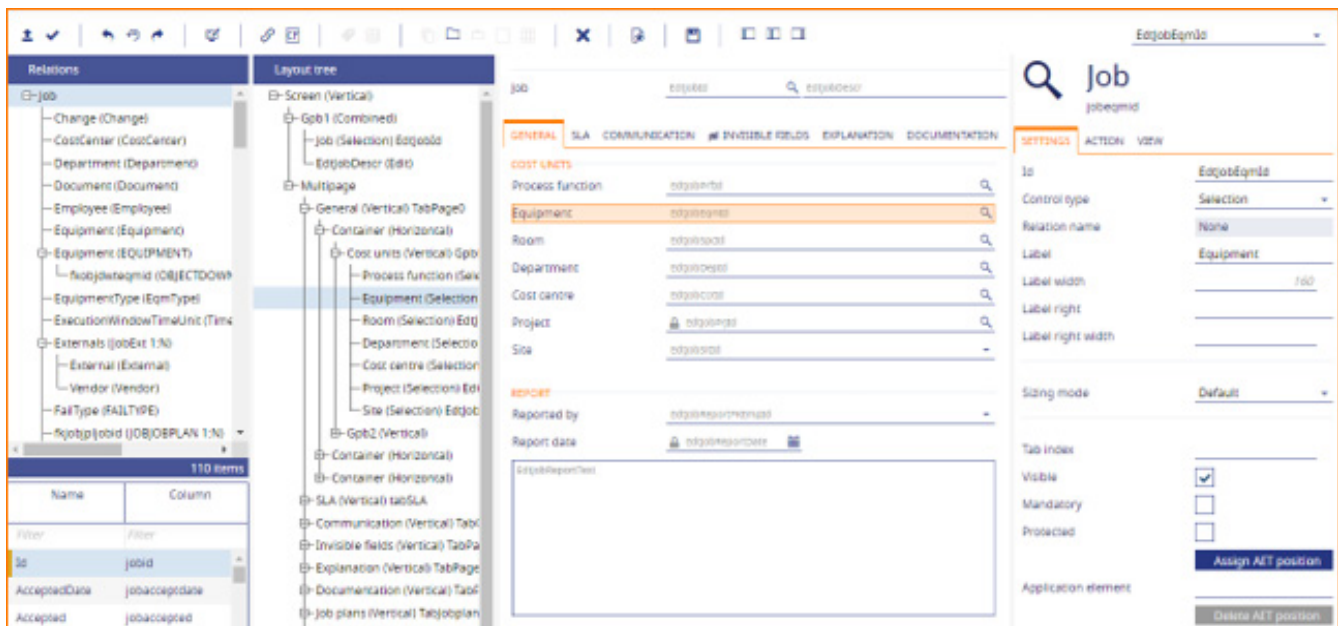
It can also happen that no standard input field is available for specific data in the process. This additional information can be entered by adding a checkbox or free input field to a screen.



# Screens - Supreme

If you want to manage additional information and processes in Ultimo, you can create additional screens. You can then choose a place in the menu for the screens by making changes in the menu structure using the Menu Designer.

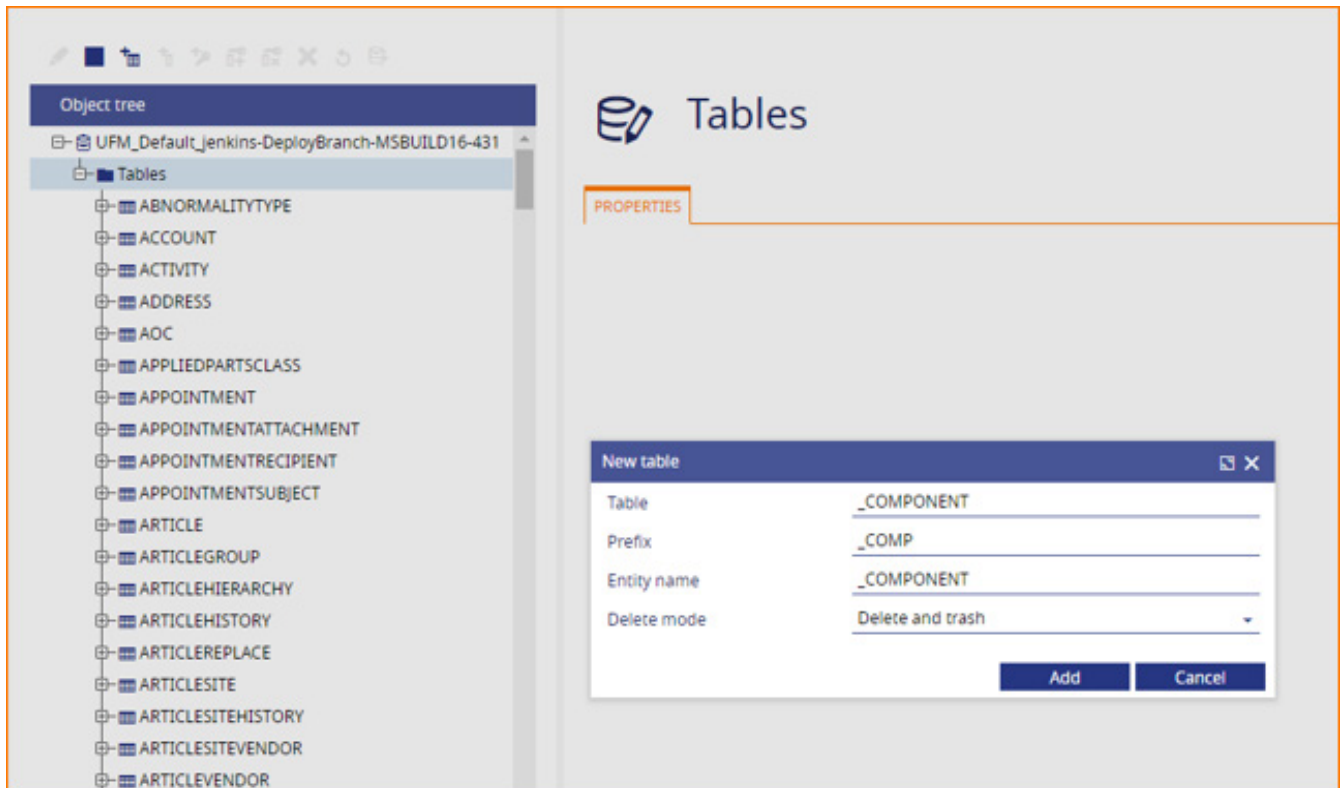
Added additional information or created a new process? You can add extra columns and references to additional information, or make a screen suitable for a new process using the expanded version of the Screen Designer. In this designer, it is also possible to change the layout of both new and existing screens.



# Database Model - Supreme

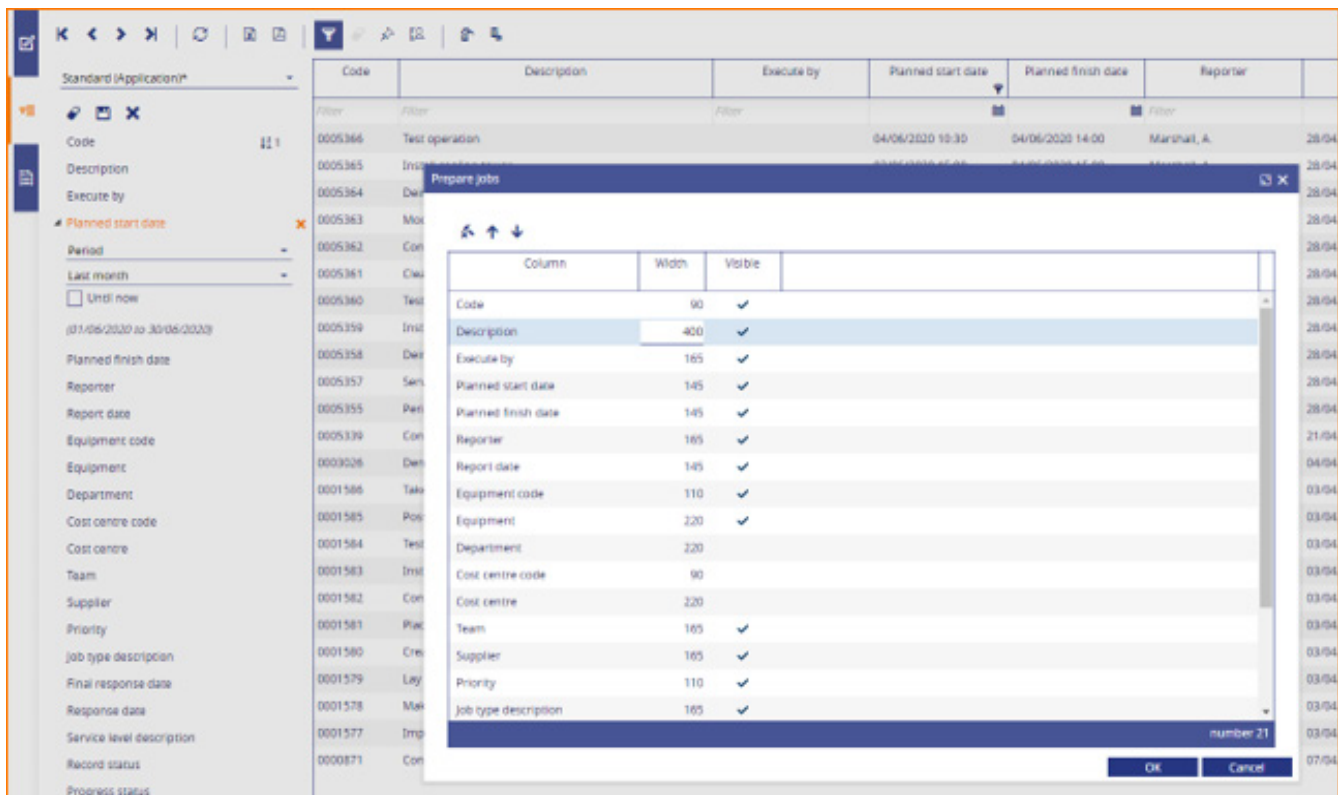
Need to record additional data or master data? By expanding the database model it is possible to record additional information such as tables, relations and columns. This is all fully managed within our Configuration Tool.

It is also possible to define additional processes. A new process can be created and set up by adding contexts to tables.



# Search - Standard

Standard selection lists are available for you to easily find a record or search for a specific set of records. Prefer to filter on the basis of other data or change the column order? This can be applied immediately for everyone by changing selection list configurations. Does a user have their own preferences? Every user can configure their own selection list with personal selection lists. It is also possible to add and change explorers. Adding and setting up explorers makes navigating, finding and registering information easier.





# Search - Supreme

It is also possible to add and change explorers. Adding and setting up explorers can make navigating through, finding and registering information easier.

The screenshot displays the 'Explorer design' interface. On the left, a tree view shows the 'Organisation explorer' structure:

- 1 - Organisation explorer
  - SITE: SitId, SitDescr
    - DEPARTMENT: DepId, DepDescr
      - PROCESSFUNCTION: PrfId, PrfDescr
        - EQUIPMENT: EqmId, EqmDescr
          - JOB: JobId, JobDescr, JobRecStatus**
          - PMWORKORDER: PmwId, PmwDescr
        - EQUIPMENT: EqmId, EqmDescr
          - JOB: JobId, JobDescr, JobRecStatus
          - PMWORKORDER: PmwId, PmwDescr

The right pane shows the 'JOB' table details for the '1 - Organisation explorer'.

NODE	ROUTING
Root table	JOB
Foreign key	FKJOBEQMID
Part of relation	
View fields	JobId, JobDescr, JobRecStatus
SQL Where clause	
SQL Order by clause	JobRecStatus, JobId

# Authorization - Standard

When the process is set up to your requirements, you can start thinking about the authorization structure. Who has access to which screens? After users and user groups are created, you can assign authorization per application component. Authorized to consult information but not authorized to enter new information or change existing information? By setting screen authorizations, you can specify what the options per screen are per user group. Need additional authorization for a few specific users? Additional authorization can be granted to a user by setting up and assigning additional authorization groups.

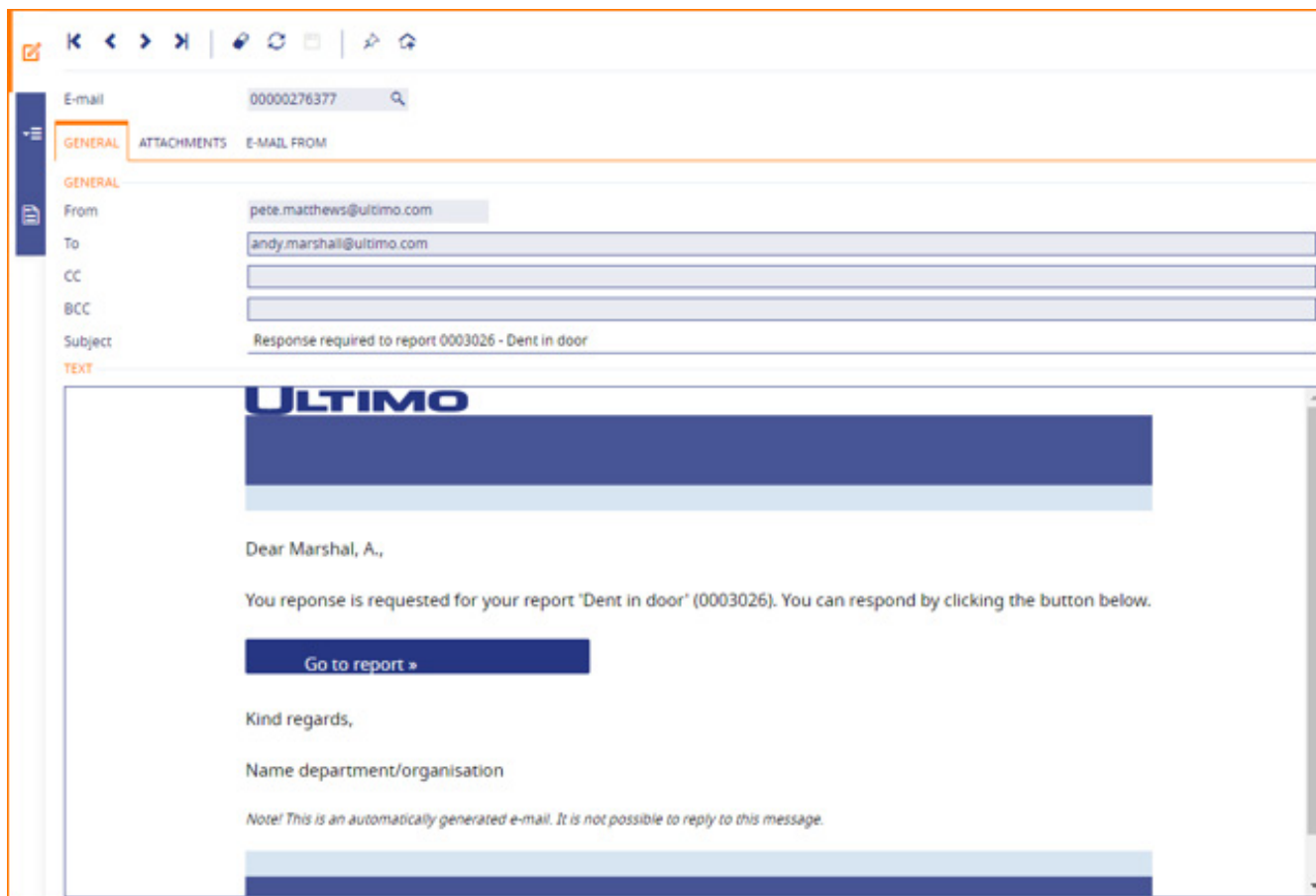
Starting from Ultimo Professional, you have the option to choose data separation. Work in multiple sites in the same Ultimo environment without sharing operational data? With the additional module Record Authorisation, automatic data separation takes place in Ultimo.

The screenshot displays the configuration interface for the 'Technical Service' application element. On the left, the 'Application Element Tree' shows a hierarchical structure starting from 'Application' down to 'Technical Service', which includes sub-elements like 'CAD import history', 'Equipment', 'Inventory', 'Activities', 'Multijobs', 'SLA management', 'Periodical Maintenance', 'Kanban', 'Material', 'Order requests', and 'Purchase'. The right pane shows the configuration for 'Technical Service' with a 'Structure' icon and tabs for 'BASIC', 'SETTINGS', 'DEPENDENCIES', 'TABLES', and 'LICENCE'. The 'BASIC' tab is active, showing the following configuration:

Guid application element	83672236-b01c-45ec-9a8f-32bc2b8db939
Type	Structure
Title	Technical Service
Icon	technicalservice
Authorisation	<input type="radio"/> Inherited <input checked="" type="radio"/> Authorised <input type="radio"/> Unauthorised

# Communication - Standard

You can use e-mail notifications to stay informed of the progress in the process. E-mail notifications are possible in all steps in the process by setting them up for progress status transitions. You can choose to send notifications to the reporter, the executing employee, the manager of the executing employee or any combination of these. You can decide the textual content of the e-mail by setting up e-mail templates.



# Automatic processes - Supreme

With the Workflow Scheduler it is possible to execute actions automatically at periodic intervals. Besides setting the standard schedules, it is also possible to add additional workflow schedules. Did you use the Workflow Designer to add your own business logic that has to be executed periodically? No problem with Ultimo!

The screenshot displays the Ultimo Workflow Scheduler interface. On the left, a table lists various workflows with columns for 'Workflow name', 'Custom', 'Active', and 'Last checked'. The workflow '\_CommunicateJobsToBeExecutedWeekly' is highlighted. On the right, the configuration panel for this workflow is shown, including tabs for 'BASIC', 'PROPERTIES', and 'SCHEDULE'. The 'SCHEDULE' tab is active, showing options for 'SCHEDULE TYPE' (Run once, Repeat by minutes, Recurrence pattern), 'RULU' (Start time: 08:00), 'RECURRING PATTERN' (Weekly, Monday selected), and 'RANGE OF RECURRING' (From date: 01/01/2020, No end date).

Workflow name	Custom	Active	Last checked
Filter			
<b>_CommunicateJobsToBeExecutedWeekly</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	06/07/2020 14:00
Currency_GetCurrentExchangeRates			
Document_CheckIfDocumentsExist			
Document_ReimportCadDocumentsChangedSinceLastImp...			
Equipment_ApplyIndexPercentageUsingEvent			
Equipment_VehicleInspectionExpirationMailToCustomer			
Humble_ImportUnitsAndElementsAndDefectsAndActivities			
InternalChargeCreate_ApproveEvent			
InternalChargeCreate_ProposeEvent			
Job_ConvertDurationFromDaysToHoursEvent			
MaintenancePart_ImportActivitiesFromHumbleUsingEvent			
MaintenancePart_ImportDefectsFromHumbleUsingEvent			
MaintenancePart_ImportFromHumbleUsingEvent			
PmWorkOrder_SendAutomaticPmResultEmail			14/12/2016 10:30
ServiceLevelAgreement_job_DinAmountPerancConsumed...			14/12/2016 10:45
ServiceLevelAgreement_job_DinAmountPerancConsumed...			14/12/2016 10:45
ServiceLevelAgreement_job_DinAmountPerancConsumed...			10/07/2017 11:55

**\_CommunicateJobsToBeExecutedWe...**  
Send weekly email to employees

**SCHEDULE**

**SCHEDULE TYPE**

- Run once
- Repeat by minutes
- Recurrence pattern

**RULU**

Start time: 08:00

**RECURRING PATTERN**

Rekurs every: 1 week(s) back on:

- Daily
- Weekly
- Monthly

Monday  Tuesday  Wednesday  Thursday  Friday  Saturday  Sunday

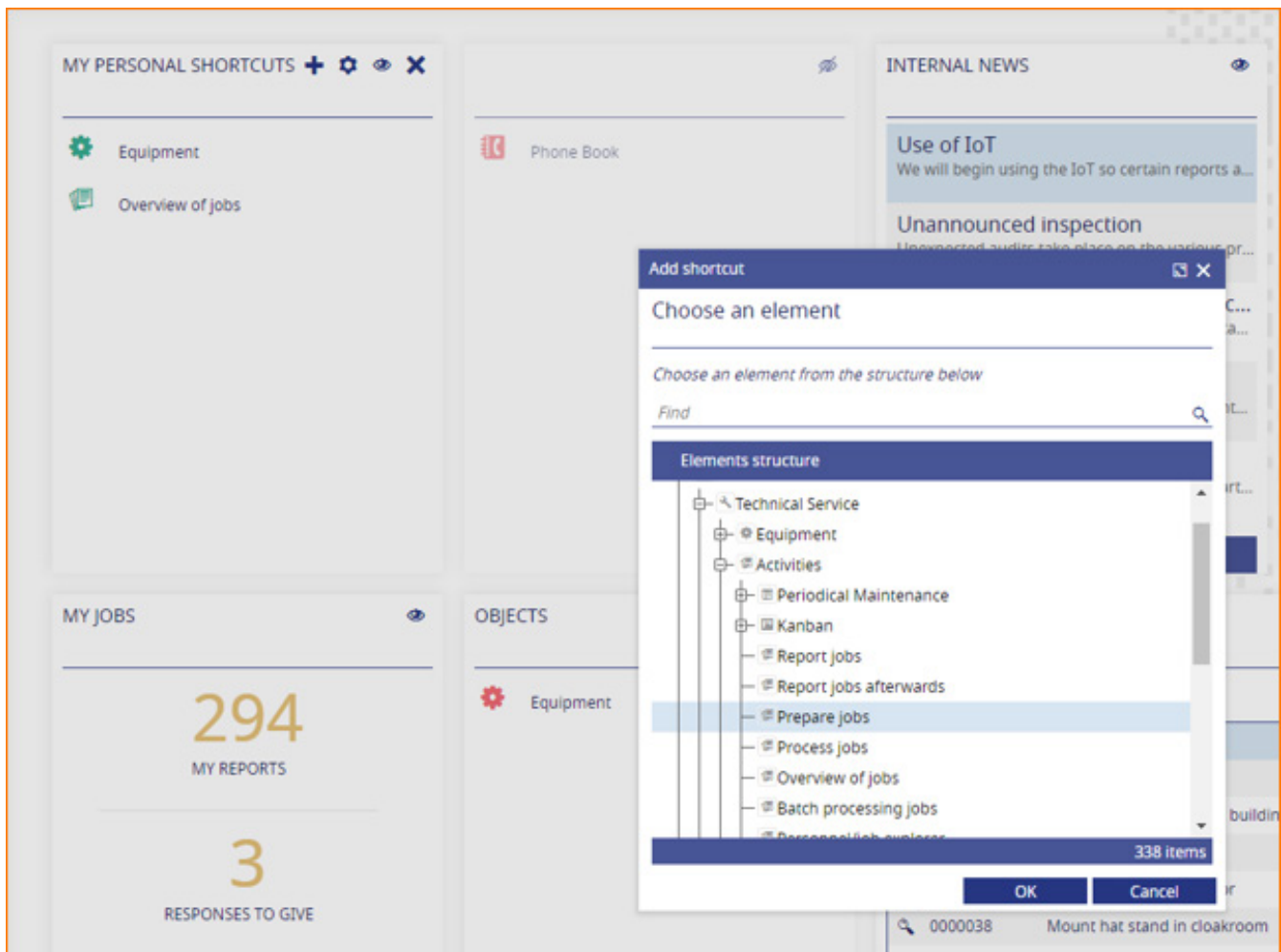
**RANGE OF RECURRING**

From date: 01/01/2020

- Number of recurrences: 1
- End date: [ ]
- No end date

# Dashboards - Standard

A standard set of dashboards and reports is available to monitor the process. These can be tailored to your organization needs. Every user has the option to add personal shortcuts to the dashboard to navigate swiftly to frequently used screens. When the standard set of items is not applicable for everyone each user has the ability to personalize the dashboard entirely to its own needs.



# Dashboards - Supreme

It is possible to create additional elements to set up dashboards. Add additional counters or grids to the dashboard for quick insight into actions to process? By setting up grid widgets, you can both change existing definitions and create new definitions. Additionally, it is possible for charts on the dashboard to change settings, like the period for which the information is shown.

The screenshot displays the Ultimo dashboard interface. On the left, a grid widget lists various dashboard elements. The 'MyJobsToBeProcessed' widget is highlighted. On the right, the detailed configuration for this widget is shown, including its name, description, and the underlying SQL query.

Id	Description
Filter	Filter
MyCateringResourcesReservations	My catering/resources reservations
MyCommonServiceRequests	My common service requests
MyDeliveries	My deliveries
MyEvents	My events
MyHSEIncidentReports	My HSE incident reports
<b>MyJobsToBeProcessed</b>	<b>My jobs to be processed</b>
MyJobsWithCustomerSatisfactionRequested	My jobs for which a customer satisfaction is requested
MyJobsWithResponseRequested	My jobs for which a reaction is requested
MyOpenActionItems	My open action items
MyPoolCarReservations	My pool car reservations
MyReportings	My reportings

**MYJOBSTOBEPROCESSED**  
My jobs to be processed

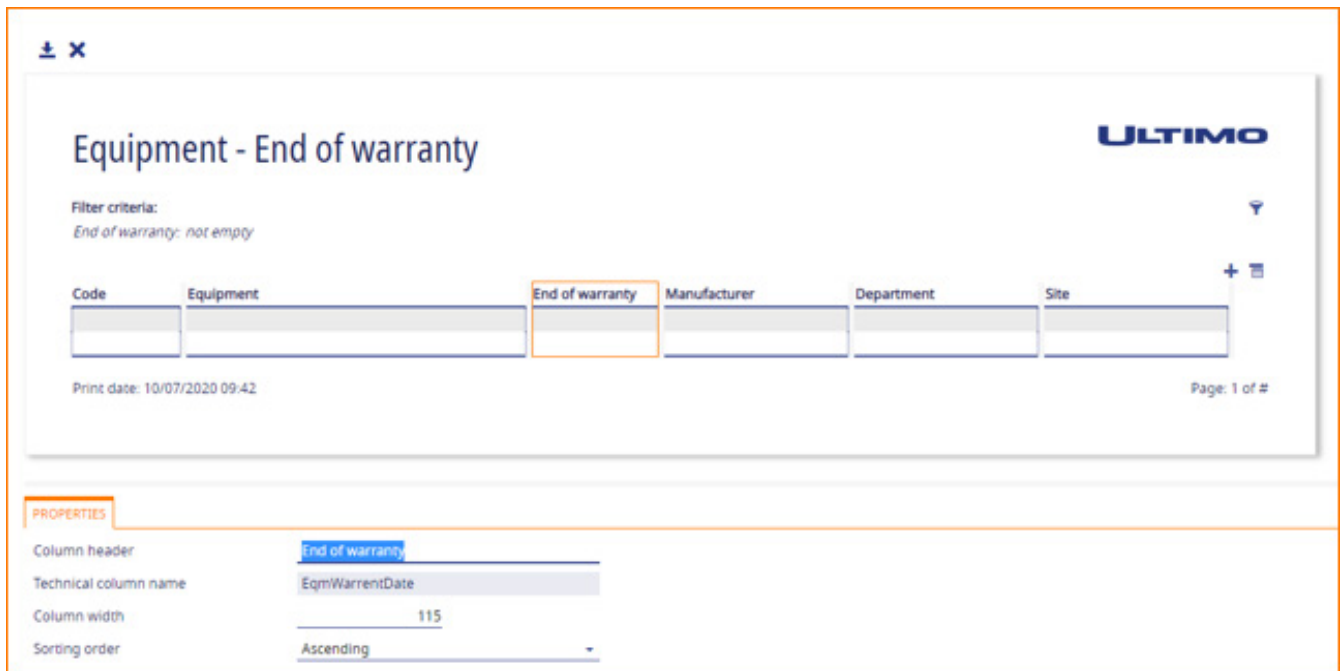
TAB: BASIC | COLUMNS | BUTTONS | DEFINITION

Id: MyJobsToBeProcessed  
Description: My jobs to be processed

```
1 SELECT distinct(j.JobId), j.JobDescr, p.PrsDescr, j.JobSchStartDate
2 FROM dba.Job AS j
3 LEFT OUTER JOIN dba.ProgressStatus AS p ON JobPrsId = PrsId
4 LEFT OUTER JOIN dba.JobSchedulePart AS JobSp ON JobId = JobSpJobId
5 WHERE j.JobContext <> 1024
6 AND (JobEmpId = {USERID} OR JobSpEmpId = {USERID})
7 AND j.JobRecStatus IN (1, 2, 4, 8, 8192)
8 ORDER BY j.JobSchStartDate ASC, j.JobId ASC
```

# Reports - Standard

Ultimo offers different types of reporting options. In the menu, you can request various standard reports. It is also possible for every user to compile their own reports. In the selection list this can be done with a one-off export to PDF or Excel. In the screen it is also possible for the user to easily compile list reports. A very flexible and powerful tool for every authorised Ultimo user. These reports can be downloaded with the current data at any time and can be shared with other users.



**Equipment - End of warranty** ULTIMO

Filter criteria:  
*End of warranty: not empty*

Code	Equipment	End of warranty	Manufacturer	Department	Site

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**PROPERTIES**

Column header	End of warranty
Technical column name	EqmWarrentDate
Column width	115
Sorting order	Ascending

# Kanban - Supreme

Ultimo has various Kanban boards in the application to schedule work quickly and pragmatically as a team, and to change the progress by dragging and dropping cards. Would you rather show different information on a Kanban board/card, change the look & feel or use the Kanban for another process? With Kanban templates, it is possible to change the behaviour of existing Kanban boards and define entirely new templates for other processes.

The screenshot displays the configuration interface for a Kanban board titled "Job - Action". On the left, a list of templates is shown, with "Job - Action" selected. The main area is divided into tabs: "BASIC", "STATUS", "CARD" (which is active), "BOARD ACTION", and "DEFINITION". The "CARD" tab shows the following configuration:

- Title:** `${Item.Id} - ${Item.Description}`
- Description:** `#if(${Item.Change})!=Empty#contextdescription_capital(CHANGE 1)`  
`${Item.Change.Id} - ${Item.Change.Description}`
- Content:** `${Item.Employee.Description?}`
- Image source:** `${Item.Employee.ImageFile?}`
- Image text:** `${Item.Employee.Description?}`
- Colour conditions:**
  - Red: `$(Item.TargetDate) != Empty && #$(Environment.CurrentDateTime) > #addmi`
  - Yellow: Colour condition
  - Blue: Colour condition
  - Green: Colour condition





## Flexibility and updates

We use continuous integration and continuous delivery to deliver to our customers. This enables software development teams to focus on meeting business requirements, code quality and security because all deployment steps are automated.

We provide weekly or even more frequent updates. In case of important new functionalities, all end users will be informed when starting the software through a “New in Ultimo” dialog box. If an update has significant impact, you can manage the moment of deployment through Feature Toggles.

## Getting started? Let us tell you more.

Together with our partners, we help you to make the most of Ultimo and your processes. Benefit from all the know-how we have gathered during thousands of implementations since 1988. Interested in the possibilities? Request a free demo of our software on our website.

## About IFS Ultimo

IFS Ultimo is a SaaS EAM solution from IFS, focused on maintenance & safety and well known for a rapid deployment, ease of use and an unparalleled time to value. Details about IFS Ultimo can be found at [Ultimo.com](https://www.ultimo.com).

## About IFS

IFS develops and delivers cloud enterprise software for companies around the world who manufacture and distribute goods, build and maintain assets, and manage service-focused operations. Within our single platform, our industry specific products are innately connected to a single data model and use embedded digital innovation so that our customers can be their best when it really matters to their customers—at the Moment of Service™. The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector. Our team of 5,000 employees every day live our values of agility, trustworthiness and collaboration in how we support our 10,000+ customers. Learn more about how our enterprise software solutions can help your business today at [ifs.com](https://www.ifs.com).

[www.ultimo.com](https://www.ultimo.com)