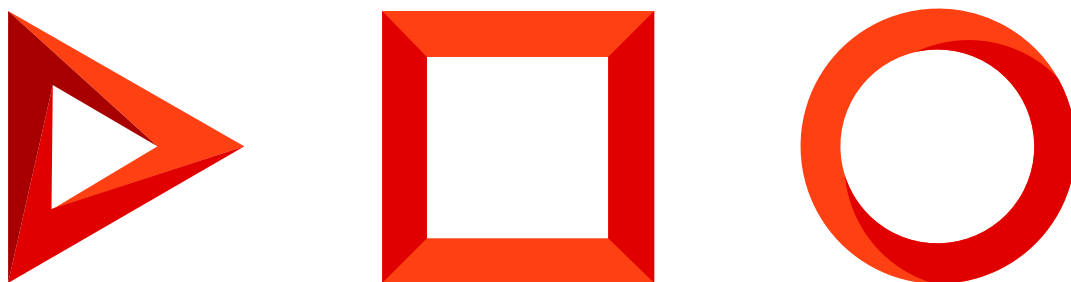


# Case processing

Version 8.0



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# Search for similar cases

PRODUCTS: [CUSTOMER CENTER](#) [SERVICE ENTERPRISE](#)

Predictive search for similar cases increases the support team efficiency. The information about similar cases helps to streamline the solution of the current case.

This [ML tool](#) finds similar cases by analyzing the unstructured text data and displays them on the case page. The probability score is displayed in the [ *Score* ] field (Fig. 1).

Fig. 1 The [ *Similar cases* ] detail on a case page

Case #SR00000037: Consultation on settings

Resolution time: 4/7/2021 11:00 PM > 14 d

Priority: Medium

Contact: Andrew Wayne

Account: Apex Solutions

SLA: 71 — Apex Solutions

Category: Service request

Service: Consultations on the equipment usa...

Configuration item:

Assignees group: 1st-line support

Assignee: John Best

Support level: 1st-line support  
Created: 4/2/2021 at 5:00 PM

What can I do for you? **Creatio** 7.17.4.2265

Resolution status: New → In progress → Waiting for response → Resolved → Closed

NEXT STEPS (0)

You don't have any tasks yet  
Press **F9** above to add a task

PROCESSING CLOSURE AND FEEDBACK CASE INFORMATION TIMELINE ATTACHMENTS FEED

Similar cases Refresh

Similar case	Score	Subject	Registration date	Prediction quality
SR00000037	1.0000	Consultation on settings	4/2/2021 5:00 PM	👍 👎
Symptoms Consultation on setting up Mandrill key in bpm'online marketing.				
SR00000013	0.3493	Consultation on settings	1/30/2021 5:00 PM	👍 👎
Symptoms Consultation on setting up a language for Windows 8.				

Declarer comments

Knowledge base articles

If you have more than 100 processed cases, Creatio will train the out-of-the-box recommendation model automatically. This model will predict recommendations for all new cases. If necessary, you can adapt and train the ML model to suit your business needs. Read more: [Set up searching for similar texts](#).

To see the prediction, go to the [ *Closure and feedback* ] tab on the case page. The search results will display on the [ *Similar cases* ] detail. Should the case subject or description change, you can perform a new search for similar cases by clicking [ *Refresh* ].

Rate the relevance of the found cases in the [ *Prediction quality* ] field. Your feedback will improve the accuracy of future predictions.

**Note.** If Creatio stores more than 100 processed cases but will not display the similar case search results, check if the search for similar cases is active and there is a trained ML model in the [ *ML Models* ] section.

Additionally, Creatio will not display the prediction if the search yields no relevant results. In this case you can change the text similarity threshold manually on the ML model's advanced options page. Read more: [Set up searching for similar texts](#).

## Run the search for similar cases

You can search for cases that are similar to either a single record or all the records in the [ *Cases* ] section. You can launch the search automatically or manually.

### Set up an automatic search

Creatio will search for similar cases **automatically**:

- When creating a new case.
- When changing an existing case.
- Daily when Creatio is loaded the least.

To set up the automatic prediction for all cases:

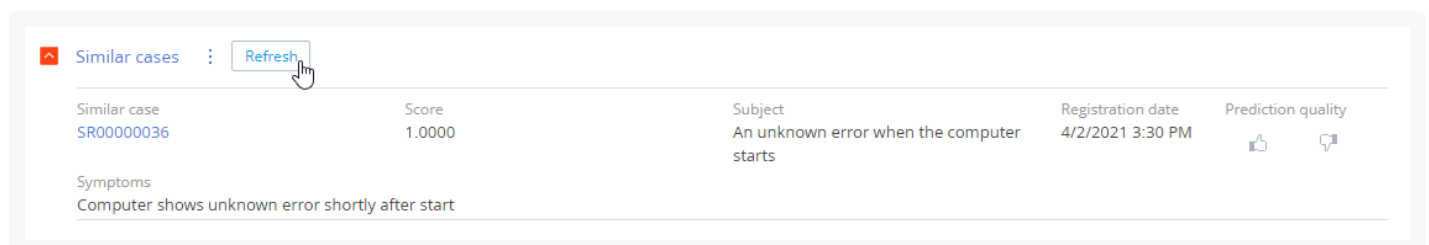
1. Open the [ *ML models* ] section in the [ *Studio* ] workplace.
2. Open the “Similar case search” model.
3. Toggle on [ *Perform background update of prediction results daily during the maintenance window* ] in the [ *Setting up background update of prediction results* ] field group on the [ *Parameters* ] tab.

**Note.** If you need to run resource-heavy processes, such as the search for similar cases, it is better to do it when Creatio is loaded the least. You can specify the relevant time period in the [ *Maintenance periods* ] [lookup](#).

### Run a manual search

To start a **manual** search for similar cases, go to the [ *Cases* ] section, open the needed record and click [ *Refresh* ] on the [ *Similar cases* ] detail (Fig. 2).

Fig. 2 Searching for similar cases manually



## How predictive search for similar cases works

To find similar cases, the ML model compares the text in the [ *Subject* ] and [ *Description* ] fields of the current

case to the corresponding values of the other cases in the section. The model takes into account the matching text parameters, as well as the “weight” (importance) of certain words and phrases. The model considers the cases similar if the text exceeds the similarity threshold. The threshold is set to 0.3 by default, however you can alter this value and retrain the model. Read more: [Set up searching for similar texts](#).

## Create a case

PRODUCTS: [SERVICE CREATIO](#) [BANK CUSTOMER JOURNEY](#)

Creatio uses the [ Cases ] section to manage any incoming requests from the customers.

**Service Creatio, enterprise edition** uses the [ Cases ] section for managing ITSM incidents and service requests.

**Service Creatio, customer center edition** uses the [ Cases ] section for managing contact center inquiries, including incidents, claims, suggestions, feedback and service requests.

In Creatio a case can be created in the following ways:

- Customers can register on your self-service portal on their own. [Read more >>>](#)
- The system can automatically create a new case upon receiving an email sent to the specified support email address. [Read more >>>](#)
- Agents can add cases based on the incoming calls using the communication panel [Read more >>>](#)
- Employees can create new cases directly in the [ Cases ] section [Read more >>>](#)
- Employees can create cases based on the incoming emails [Read more >>>](#)

## Create a case from the [ Cases ] section

To manually register a new case:

1. Go the **Cases** section.
2. Click the **New case** button. The case page will open.
3. Enter the case data.
4. Populate the case profile:
  - a. Select the customer for this case in the [ *Contact* ] or [ *Account* ] field. One of these fields must be populated.
  - b. Select a service to which the case is connected. Service Creatio, enterprise edition will also automatically populate the [ *Service agreement* ] field.
  - c. The [ *Response time* ] and [ *Resolution time* ] fields will also be populated automatically.
  - d. Specify the case category.
  - e. Specify the assignee or assignees group for the case. If you set up the predictive case routing, the [ *Service* ] and [ *Assignee group* ] fields will be populated automatically.
5. Save the case.

As a result, a new Creatio case will be added (Fig. 1).

Fig. 1 Example of a new case page (Service Creatio, enterprise edition)

Case #SR00000003 What can I do for you? >

**SAVE** CANCEL ACTIONS VIEW ▾

Resolution time  
5/25/2018 7:30 AM 2d 08:42

Priority  
↑ Medium

Contact  
Bruce Clayton

Account  
Axiom

SLA  
4 — Axiom

Category  
Service request

Service  
Installing software

Configuration item  
Personal computer Everest Home & ...

Assignees group

Assignee  
Mary King

**New** ▾ In progress ▸ Waiting for response ▸ Resolved ▸ Closed ▾

NEXT STEPS (0)

< PROCESSING CLOSURE AND FEEDBACK **CASE INFORMATION** TIMELINE ATTACHMENTS FEED >

Subject\* Installing MS Office required

Description Installing MS Office required

Source Call

Support line 1st-line support

**Terms**

Registration date\* 5/22/2018 10:47 PM Resolution time 5/25/2018 7:30 AM

Response time 5/25/2018 7:30 AM First resolution time

Actual response time Actual resolution time

Remaining: 2d 08:42 Remaining: 2d 08:42

Closed on

**Subordinate cases** + :

No data

The date and time of a case registration display according to the time zone, specified in the user profile. If the time zone is not specified in the profile, Creatio uses the value from the “Default TimeZone” system setting. If the time zone is not specified neither in the user profile, nor in the “Default TimeZone” system setting, Creatio sets the date and time on the case page based on the time of the user browser.

**Note.** To set a specific time zone manually, specify the needed value in the “Default TimeZone” system setting.

More information about system settings is available in [The \[ System settings \] section](#) article.

Similarly, you can set the resolution time value.

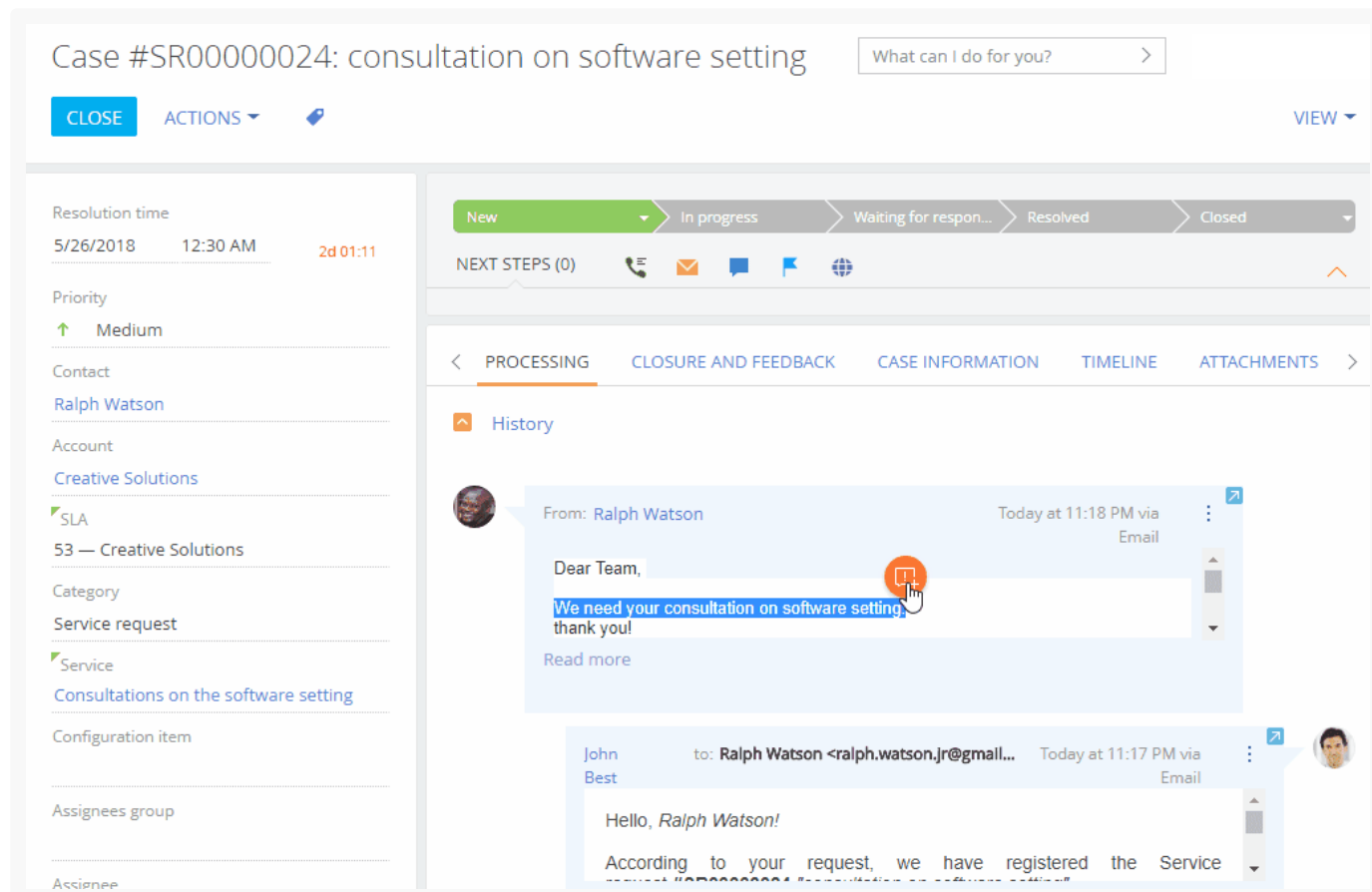
## Create a case from an existing case communication email thread

You can create a new case from the email thread of an existing case. For example, if you need to solve an additional task concerning another service during processing a specific case. To create a case from an existing case communication email thread:

1. Open an existing case and go to the [ *Processing* ] tab.
2. Highlight a message text or portal post containing customer request. The button will appear in the top right corner of the highlighted text.
3. Click the button that appears (Fig. 2). As a result, a new case will be created with the following values:

[ *Subject* ], [ *Description* ], [ *Source* ], [ *Contact* ], [ *Account* ], and [ *Category* ] of the new case will be populated automatically. Service Creatio, enterprise edition will also automatically populate the [ *Service agreement* ] field.

Fig. 2 Creating a new case from the communication thread



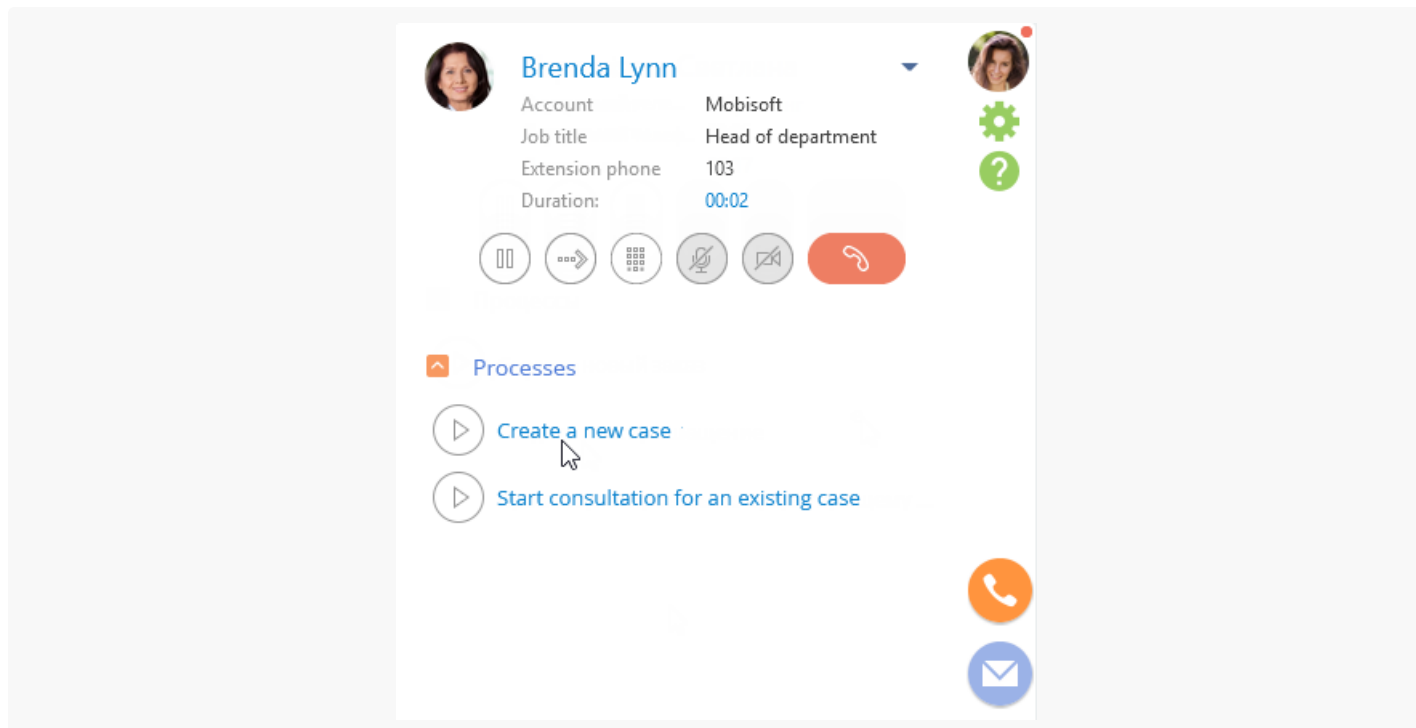
## Create a case from the Communication Panel

You can register cases while receiving or making phone calls. To do this, use the [ *Processes* ] block on the communication panel (Fig. 3).

**Note.** Actions in the [ *Processes* ] block are only available to users in the "CC agents" organizational role.

Fig. 3 Processing cases during a phone call





## Create a new case

Click [ *Create a new case* ]. A new case page opens.

- If the call contact has been identified, Creatio populates the [ *Contact* ] and [ *Account* ] fields automatically.
- If the call contact was not identified, populate the case contact and account manually. If you create a new contact, you will need to populate the contact data manually. If you click [ *Yes* ], the contact page will open.

## Consulting for an existing case

Click [ *Consult on an existing case* ]. As a result:

- If the call contact was identified, this contact's page will open. Go to the [ *History* ] tab, select a previously created case, and continue your consultation.
- If the call contact is not found, a new contact page will open. Fill in the fields and save the contact. Continue processing the case by filling in the data on a new case page.

## Automatic registration of cases based on incoming emails

Creatio adds a new case for any valid incoming email that is not a part of an existing case thread.

Case registration by email requires email integration. Additionally, set up at least one [support mailbox](#) and [junk email processing](#) rules.

## Add a new case from an email

Creatio will add a **new case** in the following cases:

- The email address of the recipient is in the [ *List of email addresses for case registration* ] lookup.
- The email address from which the letter was received is in not the blacklist;
- The email subject does not contain a case number; The system identifies the case number in the subject of an incoming email according to the [ *Case number mask* ] system setting.
- The email subject contains a case number, but no corresponding case can be found;
- The email subject contains a case number, but the corresponding case is in its final state i.e., “Closed” or “Cancelled”.
- If the email address from which the letter was received is in the blacklist, and if the system is configured to check the unwanted messages and automatically assign them the status specified in the [ *Junk case default status* ] lookup.

## Link an email to an existing case

For cases created by email, Creatio **automatically links follow-up emails** to the corresponding case.

Messages from mailboxes specified in the [ *List of mailboxes for case registration* ] lookup will be associated with cases.

If an email cannot be connected to existing cases, Creatio automatically creates a new case. Creatio identifies the contact and account of the created case based on the sender's email address. All incoming emails are connected to accounts and contacts in the same manner.

Creatio finds the corresponding case using the following methods:

1. **By email thread.** If the email message is a part of an email thread, it inherits all links from the previous email in the thread, including case links.
2. **By the case number in the email subject.** If no cases are linked to an email thread, Creatio checks the message subject for a case number. The “Case number mask” system setting is taken into account. If the email subject contains a valid case number, Creatio searches for cases with this number. If the case number mask in the email subject is different from that in the “Case number mask” system setting, the email will not be linked to that case automatically. For example, if the current case number mask is “SR-{0}”, there is a case with number “SR\_2”, the email that has “SR\_2” in its subject will not be connected to this case. A new case will be created instead.
3. **By the case number in the message body.** If there is no valid case number in the email subject, Creatio checks the email body for the case number. Creatio checks both the message text and email markup. You can disable linking emails to cases by case number in the email body by changing the value of the following system setting: “Connect emails to cases by case number in the email body” (ConnectEmailsByCaseNumberInBody).  
If a case was not found by any of the methods, Creatio creates a new case based on the email.

If a case was found, Creatio checks its status:

- If the case status is “New” or “In progress,” the email will be linked to the case and display on the [ *Processing* ] tab of the case page.
- If the case is in a final status (e.g., “Closed”), Creatio will add a new case and link the email to it. The email will also be displayed in the processing history of the closed case.
- If the case is in a non-final resolved or paused state (e.g., “Resolved” or “Waiting for response”), Creatio will change its status to “Reopened” and link the email to the case.

## Process incoming cases

Creatio analyzes all the incoming emails for auto-replies and spam, which helps to reduce the workload of support agents who initially process email messages, and increase the efficiency of their work.

You can control the system behavior when "junk" emails are received and determine whether cases should be registered based on these emails. If the sender's email address or its domain is included in the blacklist (Fig. 4), the system will either create a case or ignore the email, depending on the value of the [ *Create cases from "junk" emails* ] system setting.

Fig. 4 The [ *Blacklist of email addresses and domains for case registration* ] lookup

Blacklist of email addresses and domains for case registration				
Filter				
Email address or Domain	Description	Type of field	Created by	Created on
postmaster		Email contains	Supervisor	10/24/2016 10:01 PM
noreply		Email contains	Supervisor	10/24/2016 10:01 PM
no-reply		Email contains	Supervisor	10/24/2016 10:01 PM
mail-daemon		Email contains	Supervisor	10/24/2016 10:01 PM
mailer-daemon		Email contains	Supervisor	10/24/2016 10:01 PM

By default, the system assigns the "Canceled" status with "Received from blacklisted email" reason for closing for all cases created from "junk" emails (Fig. 5). The "junk" case status can be changed in the [ *Junk case default status* ] system setting.

Fig. 5 Case registered by "junk" email

Case #SR475: Delivery Status Notification (Failure) What can I do for you?

**CLOSE** ACTIONS VIEW

Resolution time: 12/28/2016 8:00 PM

Priority: ↑ Medium

Contact: [New contact \(mailer-daemon@googl...](#)

Account: \_\_\_\_\_

**Case Status:** New → In progress → Waiting for response → Resolved → Canceled

NEXT STEPS (0) 📞 📧 🗣️ 🚩 🌐

**PROCESSING** | **CLOSURE AND FEEDBACK** | CASE INFORMATION | ATTACHMENTS | FEED

Reason for closing: Received from blacklisted email Parent case: \_\_\_\_\_

Change: \_\_\_\_\_ Problem: \_\_\_\_\_

Read more in the [Set up "Junk" case registration](#) article.

## Service agreement selection

# SERVICE AGREEMENT SELECTION

PRODUCTS: **SERVICE ENTERPRISE**

The service agreements are available in Service Creatio, enterprise edition. Creatio selects applicable service agreement automatically, based on the values in the [ *Contact* ] and [ *Account* ] fields. Only active service agreements whose expiration date exceeds or is equal to the current date can be selected. Service agreements in the statuses that are marked as [ *Active* ] in the [ *Service agreement statuses* ] lookup are considered open.

The list of agreements available for selection depends on the values in the [ *Contact* ] and the [ *Account* ] fields of the case page, as well as on information on the [ *Service recipients* ] detail that is located on the [ *Contract provisions* ] tab on the service agreement page. The list of service agreements will display only the ones that have the specified contact and/or account added to the [ *Service recipients* ] detail. So the field is filled in with one of the agreements according to the following priorities:

1. If the [ *Contact* ] field is filled in, the [ *Service agreement* ] field fills in with the agreement that meets one of the requirements:
  - a. A contact specified on the case page is found on the [ *Service recipients* ] detail of the service agreement.
  - b. A department of the account that the specified contact is connected to is found on the [ *Service recipients* ] detail of the agreement.
  - c. An account that the specified contact is connected to is found on the [ *Service recipients* ] detail of the agreement.
2. If the [ *Contact* ] field is empty and the [ *Account* ] field is filled in, the [ *Service agreement* ] field will be filled in with the one that has the specified account added to the [ *Service recipient* ] detail.
3. If no service agreements meet the required conditions, the [ *Service agreement* ] field is filled in with the base service agreement. The base service agreement provides the minimum number of services. You can set it up using the "Default service agreement" system setting.

If several service agreements meet the required conditions, the one with the higher priority will be specified in the [ *Service agreement* ] field. The rest of the service agreements are available in the list. If multiple service agreements apply to the case, the following is selected as the primary agreement:

1. Contact's service agreement (the contact is specified on the [ *Service objects* ] detail of the service agreement).
2. The service agreement of the contact's department.
3. The account's service agreement.

When you change the value in the [ *Contact* ], [ *Account* ] or any other field that govern the process of selecting a service agreement, the list of available service agreements is reconsidered.

**Note.** Information about the account and department that the contact is connected to can be found on the contact page. The portal user's account and department are specified on the [ *Service objects* ] detail.

The [ *Service agreement* ] field is available for editing at any case processing stage.

# Calculate response and resolution time

PRODUCTS: **SERVICE CREATIO**

Case pages display response and resolution deadlines as well as remaining time until the resolution or the overdue time if the scheduled date has already passed ([Fig. 1](#)).

Fig. 1 The case page with response and resolution time calculated

The screenshot displays the Service Creatio interface for a case. On the left, a sidebar contains case details: Resolution time (1/7/2017 7:00 PM, 4d 08:19), Priority (Medium), Contact (Henry Wayne), Account (Apex Solutions), SLA (76 — Apex Solutions - Sales), Category (Service request), Service (Information request), Configuration item, Assignees group (System administrators), and Assignee (Jason Robinson). The main area shows the case status (New) and a progress bar (In progress). Below this, there are 'NEXT STEPS (2)' with tasks like 'Work on the case SR\_199' and 'Call back the customer'. The 'CASE INFORMATION' tab is active, showing the subject 'What's your e-mail address?' and source 'Call'. The 'Terms' section includes 'Registration date' (1/5/2017 6:35 PM) and 'Response time' (1/11/2017 7:00 PM). The 'Resolution time' is also shown as 1/7/2017 7:00 PM. A 'Delay' of > 14 d is indicated, and the 'Remaining' time is 4d 08:19.

## Calculate the response and resolution time for cases

Creatio calculates the response and resolution deadlines of a case based on several factors. To check how the deadlines of a particular case were calculated, open the case page → [ *Case information* ] tab → the [ *Terms* ]

detail, then click  next to the [ *Response time* ] or [ *Resolution time* ] fields ([Fig. 1](#)).

When a case moves to the next stage of its life cycle, Creatio recalculates the resolution deadline. You can also view the time already spent on the case resolution, as well as the time remaining till the resolution deadline. The response time does not update after the case changes its status (i.e., the actual “response” occurs).

Fig. 1 Opening information on the response/resolution time

Subject\* Unable to create an account on the site

Description The customer doesn't understand how new records are created via web-site

Source Call

Support line 1st-line support

**Terms**

Registration date*	4/25/2020	1:05 PM	Resolution time	4/29/2020	1:05 PM	🕒
Response time	4/25/2020	5:05 PM	First resolution time	4/25/2020	1:05 PM	
Actual response time	4/25/2020	1:05 PM	Actual resolution time	4/25/2020	1:15 PM	

The information on the response/resolution deadline calculation will open in a new window (Fig. 2) with four “cards”:

- **Case parameters:** priority, service, registration date. Service Creatio, enterprise edition has an additional “service agreement” parameter. You can open the case parameters: service or the SLA by clicking the corresponding link.
- **Deadline calculation rule:** the selected rule of calculation the deadlines, the calendar and the time zone, as well as the response and resolution time that were used for calculation. To open the [ *Case deadline calculation schemas* ] lookup with the strategy parameters, click the corresponding link. If Creatio cannot calculate the deadline using the main schema, an alternative schema is used.
- **Calculation of deadline:** specifies the day of the week and the day type (working day or day off). Deadline is calculated based on the case registration date or the current date (if the deadlines are recalculated).
- **Calculated response time.** Response time is calculated based on the selected deadline calculation rule.

Fig. 2 Information on calculating the response time for a case

## Response time

### CASE PARAMETERS

Priority: Medium

SLA: [2 — Alpha Business](#)

Service: [Web-site usage](#)

Registration date: 4/25/2020 12:05 PM ⓘ

### DEADLINE CALCULATION STRATEGY

[By service in SLA](#)

Calendar: Default calendar; Timezone: (GMT) UTC Time Format

Response time: [Working hours: 1](#)

### CALCULATION OF DEADLINE

Date	Day of week	Day type	Case processing time
5/26/2020 1:17 PM	Saturday	Day off	0
4/26/2020	Sunday	Day off	0
4/27/2020	Monday	Working day	1 h. 0 m.
Total			1 h. 0 m.

Calculated response time: 4/27/2020 10:00 AM


[CLOSE](#)

The date and time displayed in the information window and in the [ *Response time* ] and [ *Resolution time* ] fields can differ. This is caused by different calendars used for calculation: the information window uses the support service calendar, while the record page fields use the user's calendar. If the user calendar is not available, the time calculation is based on the data from the user's browser.

## Overdue/remaining time indicators

On the case page, there are special indicators that show the progress in processing the case. They are available next to the [ *Scheduled response time* ] and [ *Scheduled resolution time* ] fields (Fig. 1).

Fig. 1 Overdue/remaining time indicators

Response time	9/14/2015	8:00 AM	First resolution time
Actual response time	9/14/2015	5:10 PM	Actual resolution time
Delay:	09:10	Delay:	> 14 d. 

The indicator appearance depends on the current case status and its compliance with the deadlines. The time displayed by the indicators is always calculated in calendar units (minutes, hours, days).

Depending on the timely resolution of the case:

- Prior to the deadline, the indicator is green and displays the remaining time.
- After the deadline, the indicator is red and displays the overdue time.
- If the time until deadline exceeds 14 days, the indicator appears as “> 14 d”.
- If the overdue time exceeds 14 days, the indicator appears as “> 14 d”.

Depending on the case status:

- If the actual time is filled in (for example, the case is resolved), there are two options:
  - If the actual value is less than the planned value (the case has been processed within the planned time), the indicator is hidden.
  - If the actual value exceeds the planned value (the case is overdue), the indicator is displayed yet the clock is stopped.
- If the actual deadline is not filled in:
  - The indicator is visible and the countdown is on for active cases (in the “open”, or “in progress” status).
  - The indicator is not visible for paused cases (cases that are awaiting customer’s response). When the case processing resumes, the indicator is displayed and keeps counting.

**Note.** The checkbox for the final status, as well as for the pause status, is selected in the [ *Case statuses* ] lookup.

## Response and resolution time calculation rules

The response and resolution deadlines are calculated based on the case, service, and service contract data as well as the corresponding calendar. In Service Creatio, enterprise edition, the service agreement will also be taken into account.

You can set up contingency plans for deadline calculation using several pre-defined calculation strategies: by service, by case priority, by case priority and service in the service contract, by priority on the SLA level. One of the rules is used by default, while others can be alternative rules. If Creatio is unable to calculate deadline using the default rule, it will automatically attempt its alternative rule. If the alternative rule cannot be used, and if it has



its own alternative rule, Creatio will use that rule. If an alternative rule is not specified, the deadlines will not be calculated. Use the [ *Case deadline calculation schemas* ] lookup to set the default and alternative rules.

**Note.** New rules are created with development tools in the Creatio platform

## By service

This deadline calculation rule is based on the service page data and the calendar of the service ([Fig. 1](#)) or the service agreement (in Service Creatio, enterprise edition).

Fig. 1 Data used for calculating deadlines by service

The screenshot displays a case page for 'Information request'. On the left, a sidebar lists various fields: Resolution time (9/21/2016 10:35 PM), Priority (Medium), Contact (Henry Wayne), Account (Apex Solutions), Category (Incident), Service (Information request), and Assignees group (System administrators). The 'Service' field is highlighted with a red box, and a red arrow points from it to the main case details. The main details section shows: Name (Information request), Status (Active), Case category (Incident), Response time unit (Working days, 2), Resolution time unit (Working days, 4), and Calendar (Default calendar). The 'Response time unit' and 'Resolution time unit' fields are also highlighted with a red box.

## By priority

To calculate deadlines by this rule, Creatio uses the [ *Case priorities* ] lookup data. This rule is based on the response and resolution deadlines set for different case priorities ([Fig. 2](#)).

Fig. 2 Data used for calculating deadlines by priority

Resolution time  
9/28/2016 6:40 PM

Priority  
↑ Medium

Contact  
Alice Phillips

Account  
Streamline Development

SLA  
17 — Streamline Development

Category  
Service request

Service  
Web-site usage

Assignee  
John Best

Case priorities

Filter

Name	Response time unit	Response time value	Resolution time unit	Resolution time value	Description
High	Calendar minutes	30	Calendar hours	2	
Critical	Calendar minutes	10	Calendar minutes	30	
Low	Working days	2	Working days	5	
Medium	Working hours	2	Working hours	4	

17 — Streamline Development / Service in service contract

SAVE CANCEL

Service \* Web-site usage

Service contract \* 17 — Streamline Development

Response time Working hours 1

Resolution time Working hours 5

Status Active

Calendar Service desk

## By service in SLA

This rule is based on the values in the [ *Response time* ] and [ *Resolution time* ] fields on the [ *Services* ] detail of the service contract page (Fig. 3). Here you can also select a specific service calendar if it is different from the calendar of the service agreement. This is the default rule for calculating deadlines in Service Creatio, enterprise edition. Its alternative strategy is “By service”.

Fig. 3 Data used for calculating deadlines by service in SLA

Resolution time  
9/28/2016 6:40 PM

Priority  
↑ Medium

Contact  
Alice Phillips

Account  
Streamline Development

SLA  
17 — Streamline Development

Category  
Service request

Service  
Web-site usage

17 — Streamline Development / Service in service contract

CLOSE

Service \* Web-site usage

Service contract \* 17 — Streamline Development

Response time	Working hours	1
Resolution time	Working hours	5

Status Active

Calendar Service desk

**Note.** In this case, the specified calendar will be used when calculating the response and resolution time. Otherwise, the response time will be calculated according to the base agreement calendar.

### By service priority in SLA

This rule uses the values on the [ *Time to prioritize* ] detail on the page of the service in SLA (Fig. 4). Here you can also select a specific service calendar if it is different from the calendar of the service agreement.

Fig. 4 Data used for calculating deadlines by service priority in SLA

Resolution time  
9/28/2016 6:40 PM

Priority  
! Critical

Contact  
Alice Phillips

Account  
Streamline Development

SLA  
17 — Streamline Development

Category  
Service request

Service  
Web-site usage

Assignee  
John Best

17 — Streamline Development / Service in service contract

CLOSE

Service \* Web-site usage

Service contract \* 17 — Streamline Development

Response time	Working hours	1
Resolution time	Working hours	5

Status Active

Calendar Service desk

Time to prioritize + :

Case priority	Response time unit	Response time value	Resolution time unit	Resolution time value
Critical	Calendar minutes	15	Calendar hours	1

### By priority in SLA level

The calculation is based on the data from the [ *Priority in Support level* ] detail of the [ *Support levels* ] lookup pages (Fig. 5). This rule requires that a support level and a calendar is specified in service contracts.

Fig. 5 Data used for calculating deadlines by priority in SLA level

The screenshot displays a service request interface with the following details:

- Resolution time:** 9/28/2016 6:40 PM
- Priority:** Critical
- Contact:** Alice Phillips
- Account:** Streamline Development
- SLA:** 17 — Streamline Development
- Category:** Service request
- Service:** Web-site usage
- Assignee:** John Best

The main view shows the 'Priority in Support level' table with the following row highlighted:

Case priority	Response time unit	Response time value	Resolution time unit	Resolution time value
Critical	Calendar minutes	15	Calendar hours	1

The 'Calendar' field is set to 'New York' and the 'Support level' is 'Business'.

## Response and resolution time calculation rules

Let's take a look at how response and resolution deadline calculation rules affect actual case deadlines. In our example, customer and support service are in one time zone.

**Note.** If the response and resolution time is specified in “calendar time” (minutes, hours or days), the service calendar does not affect the deadline calculation. If the response and resolution time is specified in workhours or workdays, the response time will be calculated from the start of the next business period (next business day, etc.). For example, if a case was at 13.00, and the response time is 1 work day, the planned response time will be set to the end of the work interval of the next calendar day.

### Calculating response and resolution deadlines using the “By service” rule

Only the parameters configured on the service page and the service calendar in the service agreement (in Service Creatio, enterprise edition) are taken into account when calculating response and resolution deadlines **by service**. Case priority and support level are not taken into account.

**Case.** The following settings are specified for the “Consultations on the software setting” service:  
 Response time unit: 1 working hour  
 Resolution time unit: 3 working hours  
 Service calendar (service in the service agreement calendar for Service Creatio, enterprise edition): 5-day workweek (from Monday to Friday), business hours are from 9:00 AM to 6:00 PM, no lunch break.

As a result, response and resolution deadlines for all cases connected with the “Consultations on the software setting” service will be calculated in the same way, regardless of all other case parameters.

For cases received on Monday, 10:00 AM, the deadlines will be calculated in the following way:

- Response deadline: Monday. 11:00 AM (registration time + response time unit).
- Resolution deadline: Monday. 1:00 PM (registration time + resolution time unit).

## Calculate response and resolution deadlines using the “By service” rule

Only the case priority and the service calendar are taken into account when calculating of response and resolution deadlines **by priority**. Service and support level are not taken into account.

**Case.** The following settings are specified for critical priority in the [ *Case priorities* ] lookup:

Response time unit: 30 working minutes

Resolution time unit: 2 working hours

Service calendar: 5-day workweek (from Monday to Friday), business hours are from 10:00 AM to 6:00 PM, no lunch break.

As a result, response and resolution deadlines for all cases of “Critical” priority will be calculated , service agreement and support level.

For cases of “Critical” priority, received for this service on Monday, 10:00 AM the deadlines will be calculated in the following way:

- Response deadline: Monday. 10:30 AM (registration time + response time unit).
- Resolution deadline: Monday. 12:00 PM (registration time + resolution time unit).

## Calculate response and resolution deadlines using the “By service” rule

Service Creatio, enterprise edition can calculate response and resolution deadlines using the “By service in SLA” rule. Only parameters configured for specific service in the service agreement are taken into account in the calculating of response and resolution deadlines By service in SLA. Case priority, service level and parameters on the service page are not taken into account.

**Case.** Settings specified for the “Consultations on the software setting” service in the “4 - Axiom” Service agreement:

Response time unit: 4 work hour

Resolution time unit: 1 working day.

Service calendar: 5-day workweek (from Monday to Friday), business hours are from 9:00 AM till 5:00 PM, no lunch break.

For the case received from the “Axiom” employee for the “Consultations on the software setting” service that is included in the “4 - Axiom” service agreement on Monday 10:00 AM the deadlines will be calculated in the following way:

- Response deadline: Monday. 14:00 AM (registration time + response time unit).

- Resolution deadline: Monday. 17:00 AM (registration time + resolution time unit).

## Calculate response and resolution deadlines using the “By service priority in SLA” strategy.

Service Creatio, enterprise edition can calculate response and resolution deadlines using the “By service priority in SLA” rule. Only calendar and parameters configured for cases of different priorities on the service page in the service agreement are taken into account in the calculating of response and resolution deadlines **By service priority in SLA**. Service level and parameters on the service page are not taken into account.

**Case.** Settings specified for cases of “Medium” priority of the “Consultations on the software setting” service in the “4 - Axiom” Service agreement:

Response time unit: 2 work hour

Resolution time unit: 4 working hours

Service calendar: 5-day workweek (from Monday to Friday), business hours from 9:00 AM till 5:00 PM, no lunch break.

For the case of “Medium” priority received from the “Axiom” employee for the “Consultations on the software setting” service on Monday 10:00 AM the deadlines will be calculated in the following way:

- Response deadline: Monday. 12:00 PM (registration time + response time unit).
- Resolution deadline: Monday. 2:00 PM (registration time + resolution time unit).

## Calculate response and resolution deadlines using the “By priority in SLA level” rule

Service Creatio, enterprise edition can calculate response and resolution deadlines using the “By priority in SLA level” rule. Only parameters configured for specific priority in the [ *Support levels* ] lookup and service agreement are taken into account in the calculating of response and resolution deadlines By service in SLA. Parameters on the service page are not taken into account.

**Case.** The “Axiom” company has a “Business” support level specified in the “4 - Axiom” service agreement. Settings specified for cases of “Business” support level in the [ *Support levels* ] lookup:

Response time unit: 15 working minutes

Resolution time unit: 1 work hour.

Service calendar selected in the “4 - Axiom” service agreement: 5-day workweek (from Monday till Friday), business hours from 10:00 AM till 6:00 PM, no lunch break.

For the case with critical priority received from the “Axiom” employee on Monday 10:00 AM the deadlines will be calculated in the following way:

- Response deadline: Monday. 10:15 AM (registration time + response time unit).
- Resolution deadline: Monday. 11:00 AM (registration time + resolution time unit).

## Calculate response and resolution deadlines for customers who are in the same time zone as the support service

Creatio uses the service calendar data (service in SLA data in Service Creatio, enterprise edition). The calendar settings are configured via the [ *Calendars* ] lookup. Read more in the "[Set up calculation of response and resolution deadlines](#)" article.

The **service calendar (service in SLA calendar** for Service Creatio, enterprise edition) has the following parameters:

- Workweek from Monday till Friday.
- Work time from 9:00 AM till 6:00 PM, technical break from 1:00 PM till 2:00 PM.
- Days off: Saturday, Sunday.
- Additional day off: May 30, 2017.
- The time zone is UTC -5.

The deadlines are calculated in the time zone of the corresponding service calendar. The results are adjusted based on the time zone of the viewer.

Support agent and customer are in the same time zone (UTC -5).

**Note.** If the response and resolution time is specified in "calendar time" (minutes, hours or days), the service calendar does not affect the deadline calculation. If the response and resolution time is specified in workhours or workdays, the response time will be calculated from the start of the next business period (next business day, etc.). For example, if a case was at 13.00, and the response time is 1 work day, the planned response time will be set to the end of the work interval of the next calendar day.

Below are examples of deadline calculation for a case created during weekend (05/30) and a workday. The resolution deadlines are calculated in a similar way.

Date/time when the case was registered on the portal (UTC -5)	Date/time when the case was registered on the case page (UTC -5)	Date/time when the case was registered in the service calendar (UTC -5)	Response time	Planned response in the service calendar (UTC -5)	Planned response on the portal (UTC -5)	Planned response on the case page (UTC -5)
05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM	10 calendar minutes	05/02 1:10 PM	05/02 1:10 PM	05/02 1:10 PM
05/02 1:05 PM	05/02 1:05 PM	05/02 1:05 PM	10 work minutes	05/02 2:10 PM	05/02 2:10 PM	05/02 2:10 PM
05/01 1:00 PM	05/01 1:00 PM	05/01 1:00 PM	10 calendar minutes	05/01 1:10 PM	05/01 1:10 PM	05/01 1:10 PM
05/01	05/01 1:05	05/01 1:05	10 work	05/02	05/02	05/02

1:05 PM	PM	PM	minutes	9:10 AM	9:10 AM	9:10 AM
05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM	1 calendar hour	05/02 2:00 PM	05/02 2:00 PM	05/02 2:00 PM
05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM	1 work hour	05/02 3:00 PM	05/02 3:00 PM	05/02 3:00 PM
05/01 1:00 PM	05/01 1:00 PM	05/01 1:00 PM	1 calendar hour	05/01 2:00 PM	05/01 2:00 PM	05/01 2:00 PM
05/01 1:00 PM	05/01 1:00 PM	05/01 1:00 PM	1 work hour	05/02 10:00 AM	05/02 10:00 AM	05/02 10:00 AM
05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM	1 calendar day	05/03 1:00 PM	05/03 1:00 PM	05/03 1:00 PM
05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM	1 work day	05/03 6:00 PM	05/03 6:00 PM	05/03 6:00 PM
05/01 1:00 PM	05/01 1:00 PM	05/01 1:00 PM	1 calendar day	05/02 1:00 PM	05/02 1:00 PM	05/02 1:00 PM
05/01 1:00 PM	05/01 1:00 PM	05/01 1:00 PM	1 work day	05/02 6:00 PM	05/02 6:00 PM	05/02 6:00 PM

## Calculate response and resolution deadlines for customers who are in a different time zone from that of the support service

The deadlines are calculated in the time zone of the base calendar. The results are adjusted based on the time zone of the viewer.

The **service calendar (service in SLA calendar** for Service Creatio, enterprise edition) has the following parameters:

- Workweek from Monday till Friday.
- Work time from 9:00 AM till 6:00 PM, break from 1:00 PM till 2:00 PM.
- Days off: Saturday, Sunday.
- Additional day off: May 30, 2017.
- The time zone is UTC -8.



The helpdesk agent's time zone is UTC -5.

The customer's time zone is UTC +5.

**Note.** The current user's time zone is specified the user profile. If the time zone is not specified in the user profile, the time zone specified in the [ *Default TimeZone* ] system setting. If no time zone is specified in the user profile and the [ *Default TimeZone* ] system setting, Creatio server local time is used to determine the time zone.

Below are examples of deadline calculation for a case created during weekend (05/30) and a workday. The resolution deadlines are calculated in a similar way.

Date/time when the case was registered on the portal (UTC -3)	Date/time when the case was registered on the case page (UTC -5)	Date/time when the case was registered in the service calendar (UTC -8)	Response time	Planned response in the service calendar (UTC -8)	Planned response on the portal (UTC -3)	Planned response on the case page (UTC -5)
05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	10 calendar minutes	05/02 1:10 PM	05/02 6:10 PM	05/02 4:10 PM
05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	10 work minutes	05/02 2:10 PM	05/02 7:10 PM	05/02 5:10 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	10 calendar minutes	05/01 1:10 PM	05/01 6:10 PM	05/01 4:10 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	10 work minutes	05/02 9:10 AM	05/02 2:10 PM	05/02 12:10 PM
05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	1 calendar hour	05/02 2:00 PM	05/02 7:00 PM	05/02 5:00 PM
05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	1 work hour	05/02 3:00 PM	05/02 8:00 PM	05/02 6:00 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	1 calendar hour	05/01 2:00 PM	05/01 7:00 PM	05/01 5:00 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	1 work hour	05/02 10:00	05/02 3:00 PM	05/02 1:00 PM

05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	1 calendar day	05/03 1:00 PM	05/03 6:00 PM	05/03 4:00 PM
05/02 6:00 PM	05/02 4:00 PM	05/02 1:00 PM	1 work day	05/03 6:00 PM	05/03 11:00 PM	05/03 9:00 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	1 calendar day	05/02 1:00 PM	05/02 6:00 PM	05/02 4:00 PM
05/01 6:00 PM	05/01 4:00 PM	05/01 1:00 PM	1 work day	05/02 6:00 PM	05/02 11:00 PM	05/02 9:00 PM

# Predictive case routing

PRODUCTS: **SERVICE CREATIO**

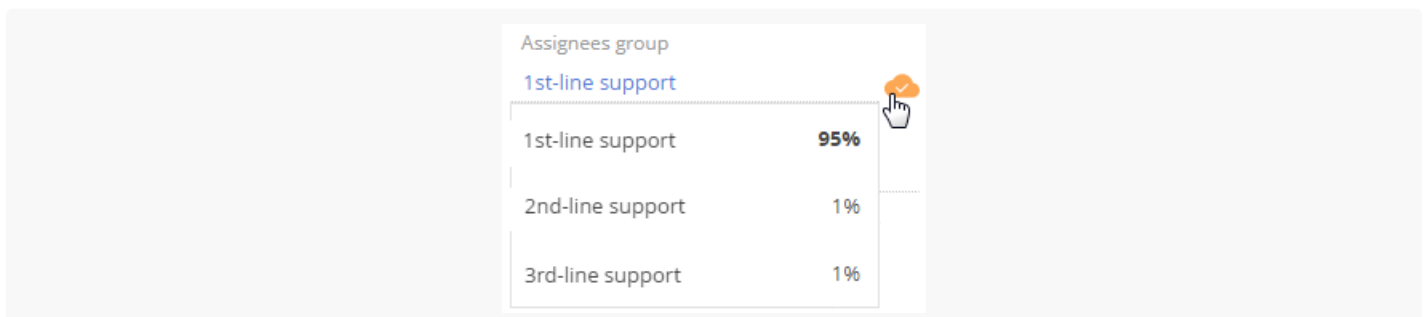
Predictive case routing in the [ Cases ] section is an AI tool that helps saving operators' time at the initial case processing and assigning the corresponding support team. The **Service** and **Assignee group** field prediction is performed in the background mode upon case registration based on an email.

**Note.** You can also enable the case priority prediction. To do this, activate the corresponding model in the [ *ML models* ] section.

To view the prediction:

Open the case page and click the button next to the necessary field, for example, [ *Assignee group* ] ([Fig. 1](#)). The predicted value is saved in the field only after you save the case page.

Fig. 1 Certain prediction on a case page



## Train the assignee group prediction model

The machine-learning model for predicting the assignee group is activated by default, but requires training. The training for the machine-learning model is launched automatically. If you reach the quality metric low limit (50%), the model instance will be saved in Creatio and will begin working. If the prediction accuracy after model training is lower than 50%, the model instance is sent for retraining.

In this case, the assignee group field value is not predicted. The machine learning model training process takes 30 days in the base configuration of Creatio. You can set up a different retrain period in the [ *Machine learning models* ] section.

## Predict the assignee group of a case

The machine learning model checks emails and cases to collect frequently used words and phrases in the email body. A collection of words and phrases that are most frequently used for case resolutions and replies via email by each assignee group is formed for each trained machine-learning model instance. No confidential data (email addresses, email bodies, contact and account data, case resolution history, etc.) is stored in this collection. When Creatio compares the data from a new case to the collection of words and phrases, a prediction of the [ *Assignee group* ] field data takes into account all possible probabilities. If Creatio generates a definite prediction, the [ *Assignee group* ] field will be populated automatically.

The prediction accuracy depends on the amount of collected data, used for machine learning model training. The use of constantly updated historical data in the training enables you to achieve the prediction accuracy of more than 90%.

**Note.** Predictive analytics in Creatio enables you to train models on collections containing up to 75,000 historical records. If a collection contains more than 75,000 records, the service will randomly select 75,000 records from the collection to train the machine-learning model. We recommend to use at least 20,000 historical records to achieve the quality metric lower limit of 50%

# Process and close cases

PRODUCTS: **SERVICE CREATIO**

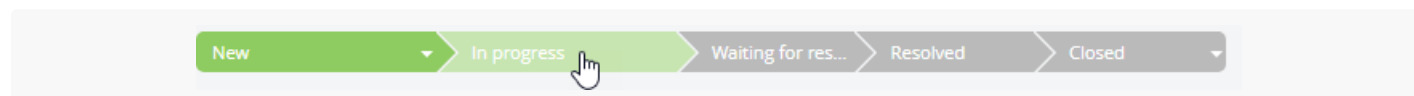
Process Creatio cases in the [ *Cases* ] section or in the [agent desktop](#).

Cases are processed according to a predefined business process. You can set up a custom business process and use it for processing cases from separate queues.

## Start processing a case

To begin working on a case, select a case in the [ *Cases* ] or [ *Agent desktop* ] section list. After you open the case, select the “In progress” status on the workflow bar (Fig. 1).

Fig. 1 Start processing a case



As a result, Creatio will change the case status to “In progress” and specify the current user in the [ *Assignee* ] field. The customer will be notified that you started processing the case and given the resolution deadline by email.

After you resolve the case, transfer it to the following stage using the workflow bar.

**Note.** If you want to return to the [ *Cases* ] section list automatically after saving the case, select the [ *Close on save* ] checkbox in the “Case statuses” lookup. Learn more: [Set up case statuses](#).

## Notify the assignee/assignee group about the case

If a case with [ *Assignee* ] and/or [ *Assignee group* ] case fields filled out becomes active, Creatio will notify the assignee/assignee group. Creatio will also notify the assignee/assignee group if the assignee/assignee group is specified for an active case.

**Note.** The case is considered active if its status is “New,” “In progress,” “Reopened.”

If the [ *Assignee* ] field is filled out, Creatio will notify the assignee. The [ *Assignees group* ] field can be either empty or filled out.

If the [ *Assignees group* ] field is filled out and the [ *Assignee* ] field is not, Creatio will notify the assignee group. In this case, the [ *To* ] field will be populated with emails of every group member.

Set up the content of the notification sent to the assignee/assignee group in the [ *Message templates* ] lookup. By default, the notification uses the “Specifying case assignee” template.

## Diagnose and resolve an incident

Service Creatio, enterprise edition includes the “Creating and processing tasks for case diagnostic and resolution” process that runs if the following conditions are met:

1. A customer support agent was assigned to an incident. The incident status is “New” or “In progress.”
2. The status of an inactive incident changes to “New,” “In progress,” “Reopened.” The [ *Assignee* ] field is filled out.
3. An incident is escalated to a support agent.

Creatio adds a task for the responsible agent as part of the resolution process. When an agent modifies the incident, Creatio closes the task according to the following rules:

1. If the agent resolves the incident, Creatio will close the task with the “Solution found” result.
2. If the agent cancels an incident, Creatio will change its status to “Canceled.” The task status will also be changed to “Canceled” with the identical result.
3. If the agent postpones the resolution, Creatio will change the task status to “Closed” with the “Additional information required” result.

If the values in the assignee/assignee group fields change, Creatio will change the status of the connected task to “Closed” with the “Escalation required” result. In this case, Creatio may run a new sub-process instance and create a new task for the new assignee.

## Escalate a case

Case escalation is available in Service Creatio, enterprise edition out-of-the-box. To escalate a case to a higher support level, select the [ *Escalate* ] action from the [ *Actions* ] menu on the case page.

This will open the escalation page. Specify the new support level, as well as the assignee or assignee group, on the page.

**Note.** Creatio will close the incident processing task created when transferring a case to the previous status with the “Escalation required” result.

A new assignee or an agent from the assignee group will continue processing the case.

## Reassign a case

You can reassign a case in Service Creatio, customer center edition. To do this, change the value in the [ *Assignee* ] or [ *Assignee group* ] field of the case page.

A new assignee or an agent from the assignee group will continue processing the case.

## Reclassify the case

Case reclassification is available in Service Creatio, enterprise edition out-of-the-box. To change the service agreement, open the case page and click [ *Actions* ] → [ *Reclassify* ].

As a result, Creatio will update the terms, category, and other case parameters that are determined automatically.

## Search for case solution

Case solution search is available in Service Creatio, enterprise edition out-of-the-box. To do this, select the [ *Search for similar cases* ] action from the [ *Actions* ] menu when processing an incident or a service request.

This will open a list showing cases connected to the same service, same configuration item, or marked by the same tags.

If the list contains any resolved cases, the knowledge base articles linked to these cases are likely to contain the solution for the current case. To access these articles, use the [ *Knowledge base articles* ] detail in the [ *Closure and feedback* ] tab of the similar resolved cases.

If the list contains an identical case, select it. As a result, Creatio will specify the selected case in the [ *Parent case* ] field of the current case.

Use the [ *Internal note* ] button in the [ *Processing* ] tab to consult with other employees regarding the case resolution.

## Communicate with the customer



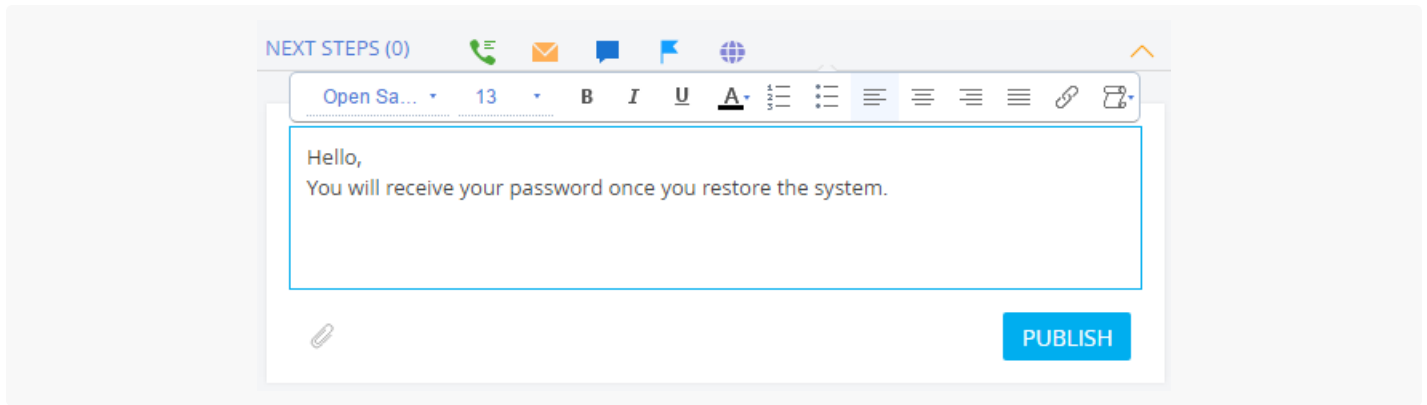
Use the  [ *Email* ] and  [ *Portal message* ] buttons on the action panel to send replies to the customer (Fig. 2).

Fig. 2 Add a message to display on the customer portal



Click the  button to attach a file to an email or portal message.

If you send a portal message, Creatio will notify the customer by email.

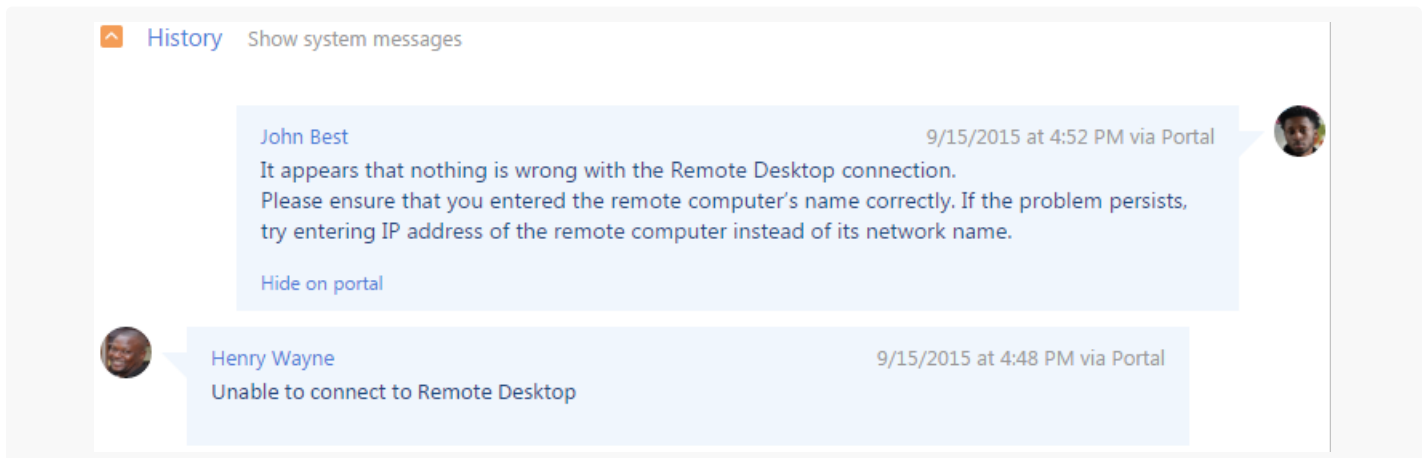
After you finish processing the case, for example, ask the customer for more information, change the case status to “Waiting for response” (Fig. 3), which indicates that the case is waiting for a customer's reply.

Fig. 3 Change the case status to “Waiting for response”



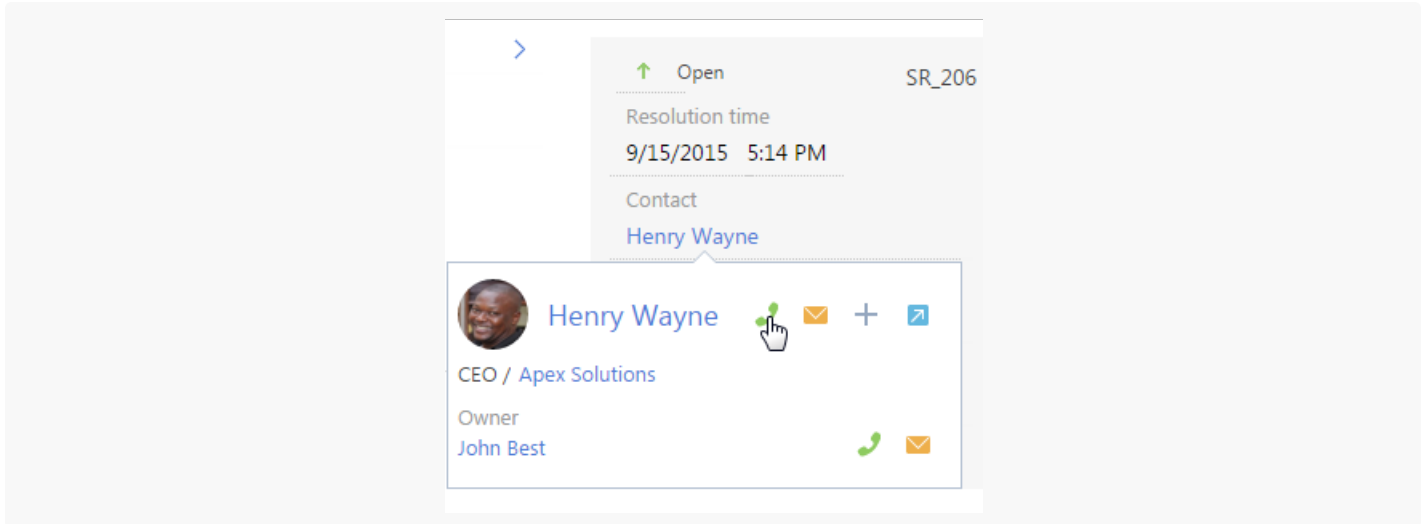
The customer can reply by email or by posting a message on the customer portal. The reply will appear in the [ History ] block (Fig. 4). Creatio will reopen the case automatically. The [ Assignee ] field will be cleared and the case will be returned to the processing queue.

Fig. 4 The customer communication history



To call the customer quickly, hover over the contact name in the case profile. This will open a mini page. If the contact has phone communication options, dialing options will be available on the mini page (Fig. 5).

Fig. 5 Dial the customer



You can also [dial](#) the customer via the [communication panel](#).

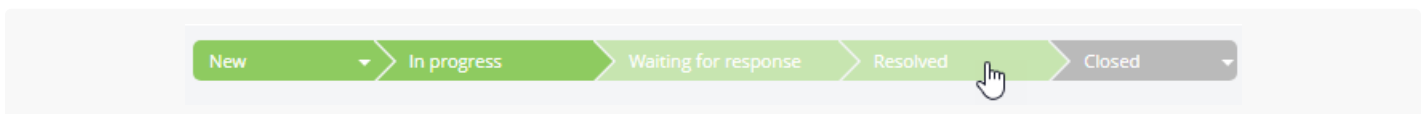
## Notify the contact about a message in the “Portal” feed

A portal user receives a notification about a message in the “Portal” feed if they have an active email. Configure the content of the notification in the [ *Email templates* ] lookup.

## Resolution and feedback

After you provide the customer with the resolution, move the case to the resolved status.

Fig. 6 Resolve the case



Creatio will notify the customer about the case resolution by email. The email will also contain the user satisfaction scale. The customer can use it to grade the contact center or support service performance. Learn more: [Set up case resolution notification](#).

Case status will change depending on the customer satisfaction level. For example:

- If the satisfaction level is “1” or “2,” Creatio will reopen the case, change its status to “Reopened,” and clear the [ *Assignee* ] field.
- If the satisfaction level is “3,” “4,” or “5,” Creatio will change the case status to “Closed.”

**Note.** Configure the relationship between customer satisfaction levels and case statuses in the [ *Satisfaction levels* ] lookup.

To expedite the resolution of similar cases in the future, link the knowledge base articles that contain the resolution to the case. If there are no such articles in the knowledge base, Creatio will suggest creating a new article automatically. By default, the article creation process is deactivated. To activate this process, go to the

[ *Process library* ] section → select the needed process record → click [ *Activate* ].

If you change the status of the case that contains incomplete tasks in **Service Creatio, enterprise edition** to “Resolved”, Creatio will ask you what to do with the tasks. You can mark all tasks as completed, cancel them, or leave them unchanged.

## Create a knowledge base article after resolving a case

After you resolve the case, you can create a corresponding knowledge base article that helps to resolve similar cases. Creatio includes a sub-process that automates the article creation.

By default, the subprocess is inactive. To activate the sub-process:


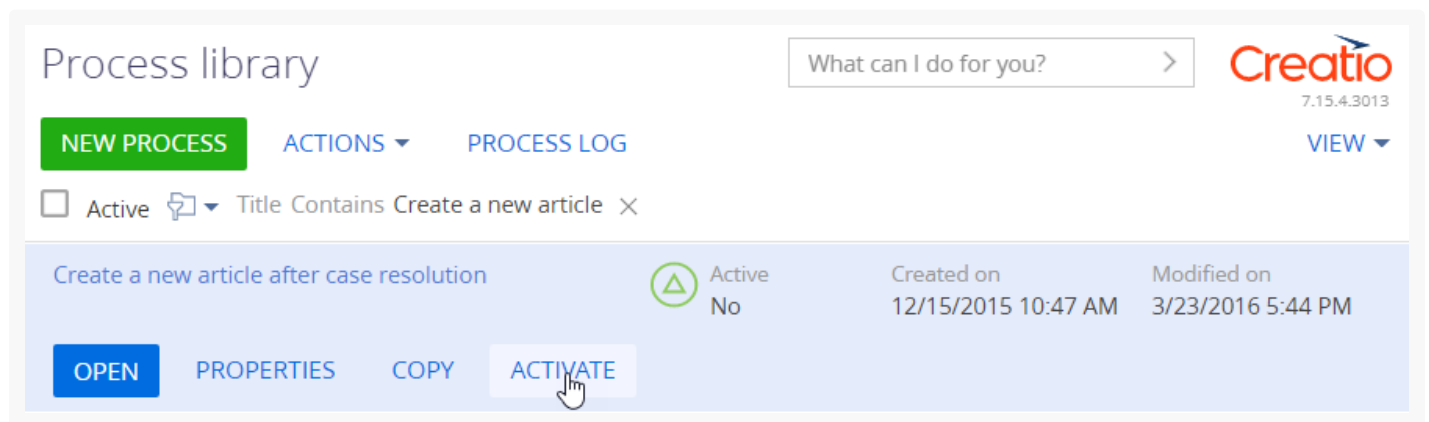
1. Open the System Designer by clicking the  button.
2. Go to [ *Processes* ] → **Process library**.
3. Clear the [ *Active* ] checkbox to display all business processes available in Creatio.
4. Select the “Create a new article after case resolution” business process in the list and click **Activate** (Fig. 7).

Fig. 7 Activate the “Create a new article after case resolution” sub-process



The “Create a new article after case resolution” sub-process runs as follows:

1. When you resolve a case, the process checks the case for linked knowledge base articles.
2. If there are none, the process will ask you if you want to create a new article. Select “Yes” to create a new article.
3. After you save the article, the process will link it to the case automatically.

## Reopen the case automatically when receiving an email or a comment on the portal

Creatio reopens the case automatically and clears the [ *Assignee* ] field if the following conditions are met:

1. The case status is paused or resolved yet not final.

**Note.** Configure incident and service request statuses in the [ *Case statuses* ] lookup. In this case, the status must have the [ *Pause status* ] or [ *Resolved status* ] checkbox selected yet the [ *Final status* ] checkbox cleared. By default, “Resolved” and “Waiting for response” statuses meet these criteria.



- The customer sent a case email or left a comment on the portal.

If Creatio receives an email or a portal comment, the case status will be changed to “Reopened” automatically. Creatio will also clear the [ *Assignee* ] field. This is done to enable other employees to work with the reopened case.

**Note.** If the [ *Assignee group* ] field is not cleared, every group member will receive a case notification on their agent desktop.

## Close cases automatically

Creatio closes cases automatically if the following conditions are met:

- The case status is “Resolved.”
- The case's actual resolution time is filled in.
- The waiting period for the evaluation of the case ended.

**Note.** Specify the waiting period for case evaluation in the “Number of waiting days to reevaluate resolved case” (“FirstReevaluationWaitingDays” code) and “Number of waiting days after second reminder of resolved case” (“SecondReevaluationWaitingDays” code) [system settings](#).

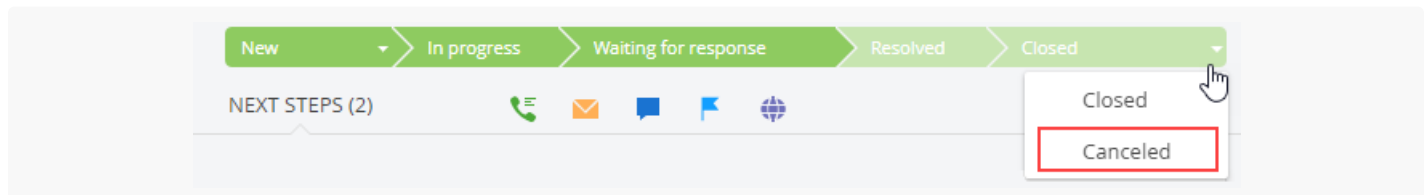
Creatio checks for cases that meet these conditions once a day. The status of every case that meets the conditions is changed to “Closed.” The automatic case closure procedure remains the same whether case evaluation is on or off.

You can disable the automatic case closure. To do this, clear the “Default value” checkbox in the “Automatically close resolved cases” (“CloseResolvedCases” code) [system setting](#).

## Cancel a case

If you created a case by mistake or the case no longer needs a response (for example, the customer resolved the issue on their own or the question is no longer relevant), select the [ *Canceled* ] stage on the workflow bar to cancel the case.

Fig. 8 Cancel the case



Creatio will change the case status to “Canceled” and notify the customer by email.

# Diagnose cases using service model

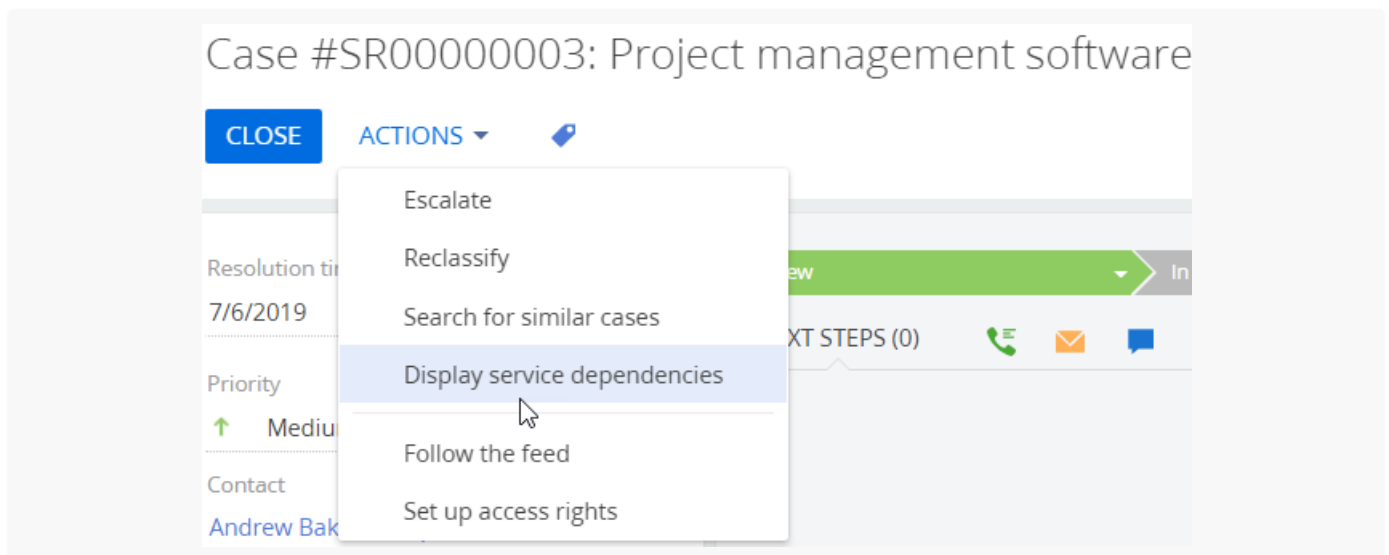
PRODUCTS: **SERVICE ENTERPRISE**

Use the service model to track the connections of a configuration item or service of the incident or service request.

## Open a service model of a case

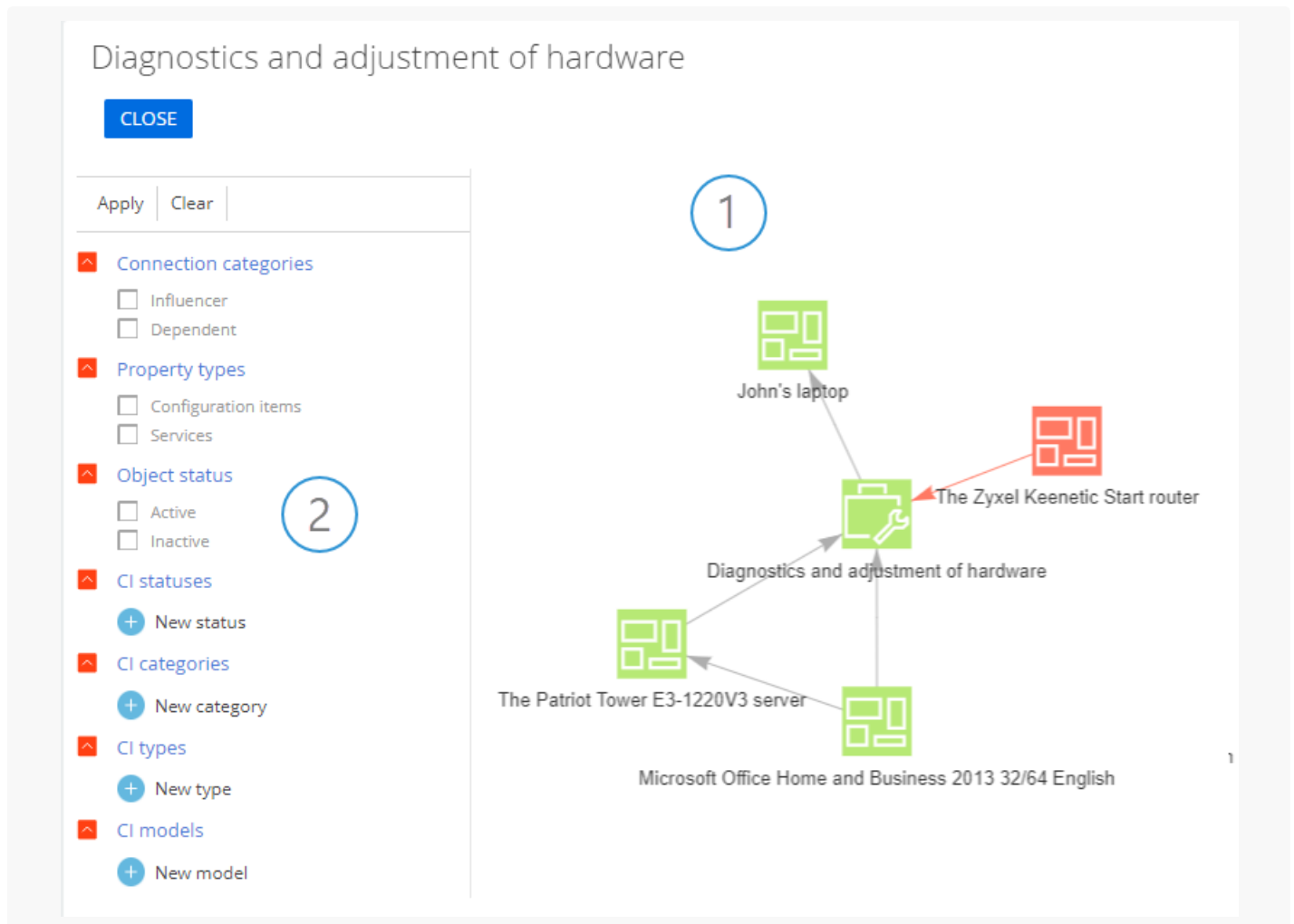
1. Go to the **Cases** section and open the required case record.
2. Click [ *Actions* ] → **Display service dependencies** ([Fig. 1](#)).

Fig. 1 The [ *Display service dependencies* ] action



As a result, the service connection diagram will open. The diagram displays dependencies of the service specified in the [ *Service* ] field of the case page ([Fig. 2](#)).

Fig. 2 Service model diagram



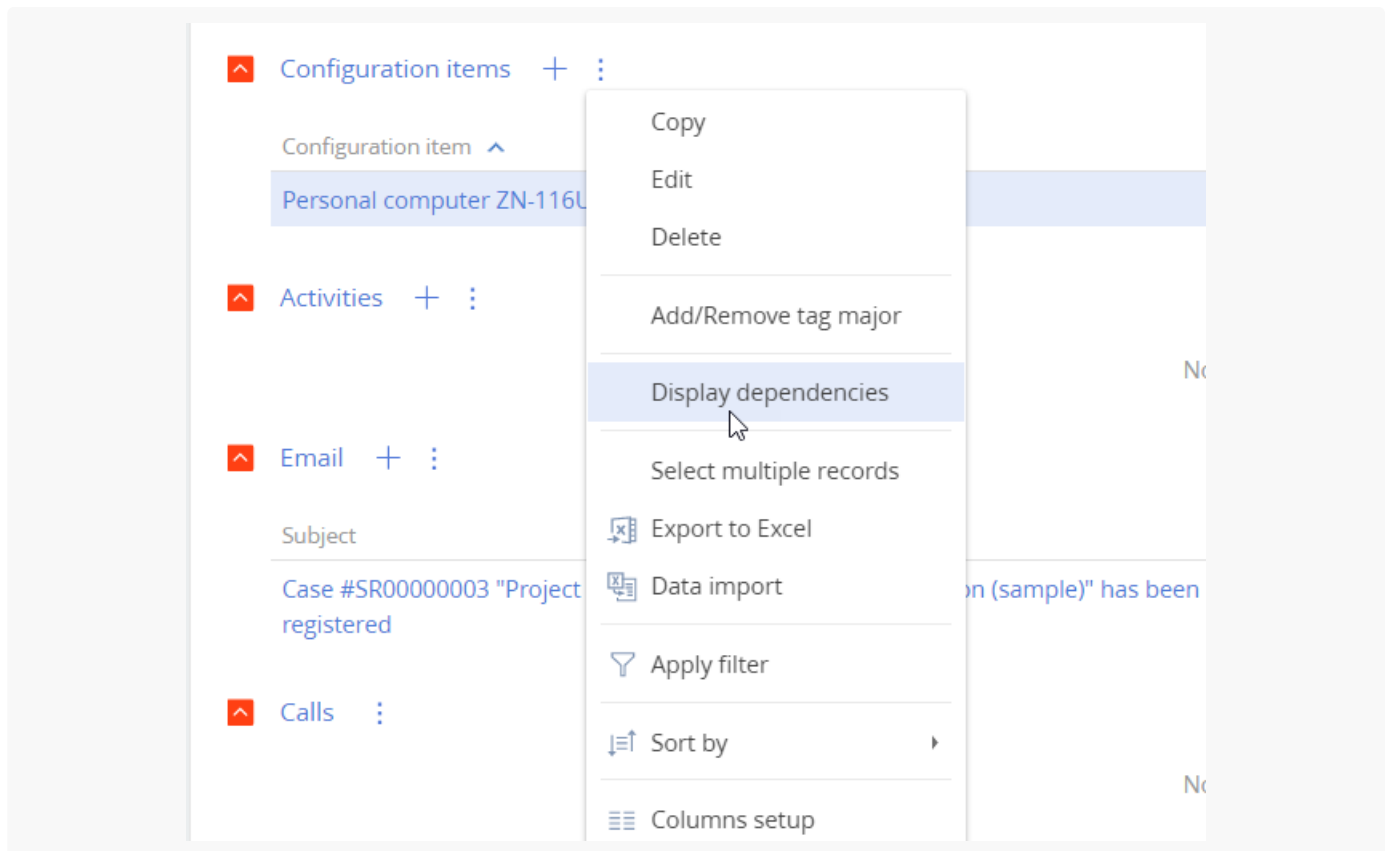
The interconnections of a faulty (red) diagram element indicate possible causes (influencing elements) and consequences (dependent elements) of the failure. For example, the service model on (Fig. 2) indicates that the correct operation of the “Diagnostics and adjustment of hardware” service depends on the “router” configuration item that is currently inactive.

Click a diagram element to open the corresponding configuration item or service page.

## Open a service model of a case configuration item

1. Go to the [ Cases ] section and open the required case record.
2. Go to the [ Case information ] tab → [ Configuration items ] detail → Select the configuration item whose connections you want to display.
3. In the [ Configuration items ] menu, select [ Display dependencies ] (Fig. 3).

Fig. 3 The [ Display dependencies ] action of a configuration item



As a result, the service model of the case configuration item will open.

## Filter the service model

The diagram filtering area displays to the left of the connection schema. Use it to show/hide different types of influencing and dependent elements on the diagram.

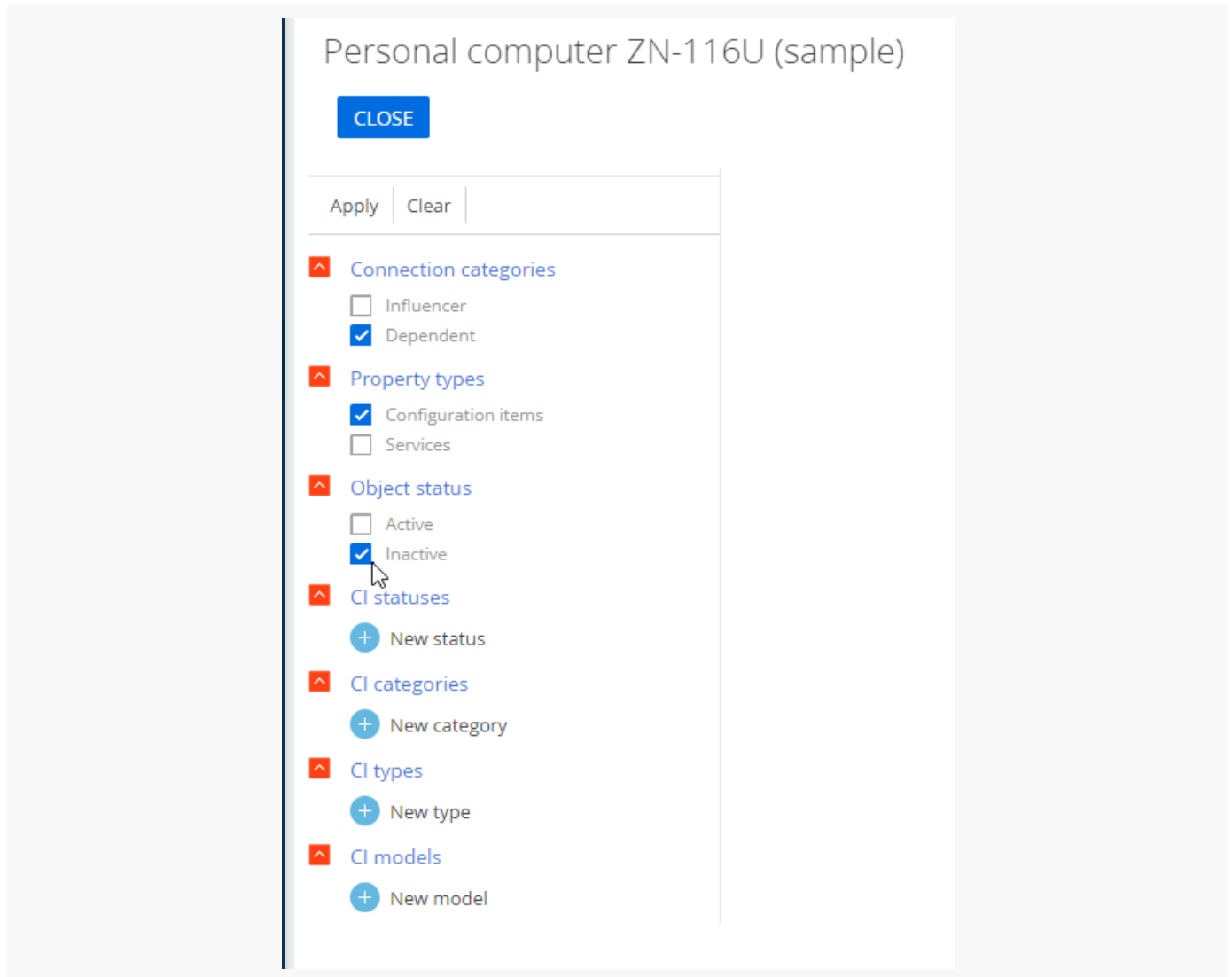
The following filter options are available:

Connection categories	Display only influencing or dependent services and configuration items on the diagram.
Property types	Display only configuration items or services on the diagram.
Object status	Display only active or inactive configuration items and services on the diagram.
CI statuses	Display only configuration items of a specific status on the diagram.
CI categories	Display only configuration items of a specific category on the diagram.
CI types	Display only configuration items of a specific type on the diagram.
CI models	Display only configuration items of a specific model on the diagram.

To set up the filters:

1. Set the filters in the [ *Connection categories* ], [ *Property types* ], [ *Object status* ] blocks (Fig. 4).

Fig. 4 Setting up filters




2. Click  to set the conditions for the [ *CI statuses* ], [ *CI categories* ], [ *CI types* ] and [ *CI models* ] blocks. For example, to display only the configuration items of the "Equipment" category, go to the [ *CI categories* ] block, click [ *New category* ] and select "Equipment" in the lookup that opens (Fig. 5).

Fig. 5 Adding filters

CLOSE

Apply Clear

- Connection categories
  - Influencer
  - Dependent
- Property types
  - Configuration items
  - Services
- Object status
  - Active
  - Inactive
- CI statuses
  - + New status
- CI categories
  - + New category
- CI types
  - + New type
- CI models
  - + New model

Hardware replacement

Full computer Everest Home & Office 1030

Computer monitor 23" Acer H236HLbmid

Technical features

3. Click [ *Apply* ] to save the changes.

As a result, the diagram will only display the items that meet your filtering conditions and will contain services or configuration items used as the basis for building the diagram.