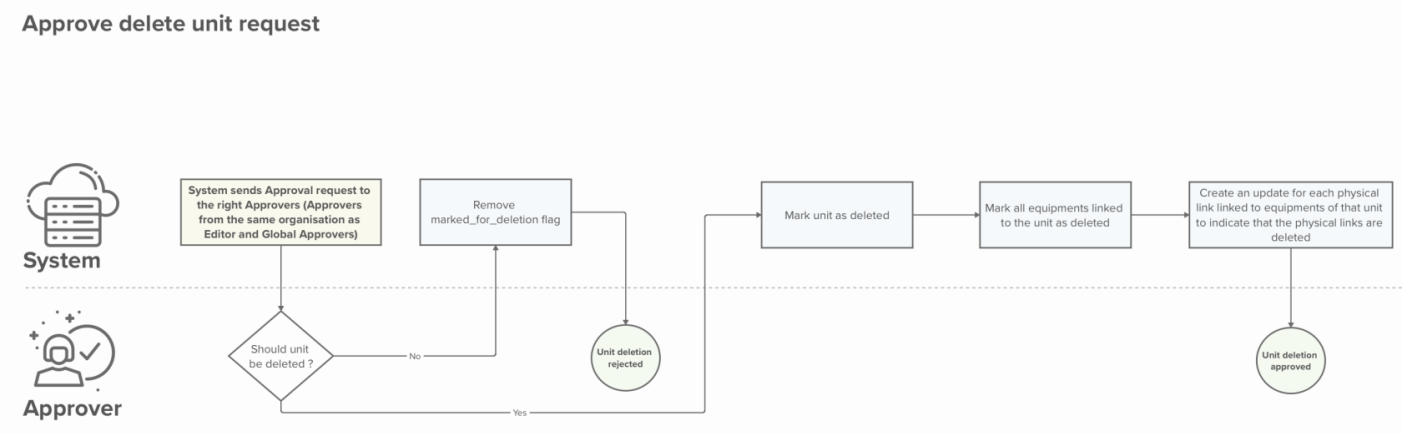
7.9. Approve delete unit request



Name	**Approve delete unit request**
Purpose	Allow Approver to validate a unit delete request
Linked user stories	4.39. Editor - Delete a unit 4.49. Approver - Approve deleted unit request 4.54. Organisation Approver - Approve deleted unit request for organisation
APIs used	**PUT** /units/<unit-id>/approve **PUT** /units/<unit-id>/reject **PUT** or **PATCH** /units/<unit-id>
Scope	This process only handles the validation of an already created unit deletion request
Roles	System, Approver / Global Approver
Input	- id of the unit that is marked for deletion - optionally the information to amend
Output	- confirmation that the update request has been approved/rejected

Detailed Process description

Main Process

Step	Description	Actor(s)	Input(s)	Output(s)	Decision points
1	The System sends out notifications to the Global approvers and organisation approvers, indicating that an approval a pending.	System	- Outside trigger (e.g. Editor sent a delete request)	- notification to the Global and organisation Approvers	
2	The Approver verifies if the unit can be deleted	Approver	- unit deletion request	- yes / no	**If the unit can be deleted:** Go to step 3 **Else:** Go to secondary process S.1
3	The System marks the unit with the flag “is_deleted = true” and adds the information on the date of validation and the user that validated the request	System	- unit with flag “marked_for_deletion = true”	- unit with flag “is_deleted = true” - approver set to the user that triggered the approval - approval date set to the current date	
4	The System sets all the quipments linked to the site with the flag “is_deleted = true”.	System	- unit	- all linked equipments marked with the flag “is_deleted = true”	
5	The System creates validated update requests with the flag “is_deleted = true” for each active physical link that are linked to the deleted equipments	System	- unit	- new validated physical links with the flag “is_deleted = true” for each active physical link that is linked to the deleted equipments	
6	The Approver gets a confirmation that the approval has been applied	Approver	- confirmation of the validation		

Secondary Processes

S.1. Delete unit request rejected

Step	Description	Actor(s)	Input(s)	Output(s)	Decision points
1	The System removes the mark_for_deletion tag from the unit entry	System	- unit marked for deletion	- unit with the flag “mark_for_deletion = false”	
2	The Approver gets a confirmation that the deletion rejection has been applied	Approver	- deletion request rejection confirmation		

Exceptions

[400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message. If some addresses do not exist in the system, this is also considered as a bad request.

[404 Not Found] Unit not found

Error returned by the system if the unit is not found.

[409 Conflict] Unit not marked for deletion

Error returned by the system if the unit being validated is not marked for deletion.

[500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

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