

Multiple Antenna Trees spec

Feature request

(JMM) We should support multiple antenna tree



[FTMA-2264](#) - (JMM) We should support multiple antenna trees (Prod Analysis)

User Story

As a Family Tree Maker and TreeVault user, I want to have any number of my trees in TreeVault.

Use cases

- Work on a test tree and a real tree
 - Let a family member work on their Antenna tree using my TreeVault account
 - Work on Antenna trees for my multiple clients
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Affected areas

TV status

- Source Tree Not Found status not reachable for TV-button and info-screens (at Tree Browser, Plan WS (widget), Connect WS)
- It remain available as screen in Tree Browser for selected Antenna Tree to find its Source Tree - may need redesign, basic solution used for now

Tree Browser

- Changes in TreeVault source, Search result (Antenna Trees in search result, Trees Linked to TreeVault) to represent a list of Antenna Trees
- Changes in Error Info screen for selected Tree Linked to TreeVault
- Adjusted flow of Source Tree Not Found to allow find Source Tree for selected Antenna Tree

Plan Workspace - Emergency Restore flow

- Changes to represent a list of Antenna Trees

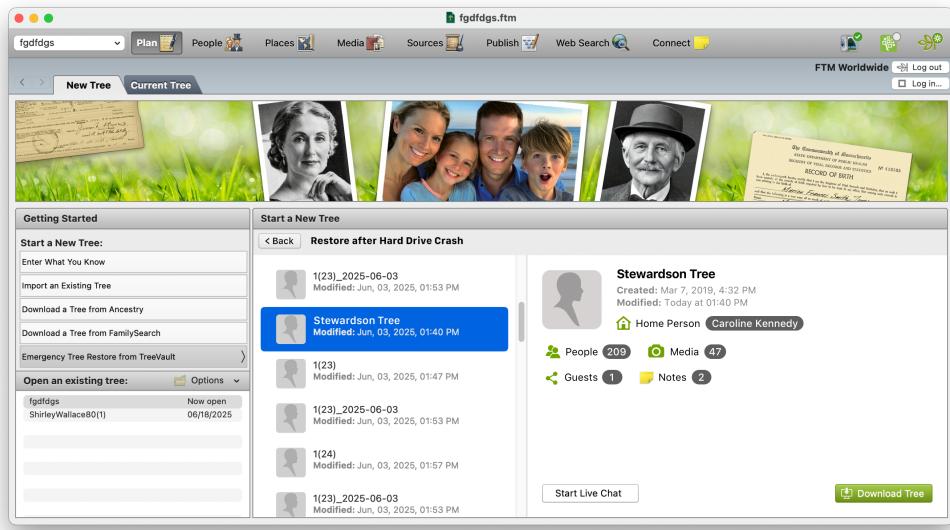
Upload to TV flow

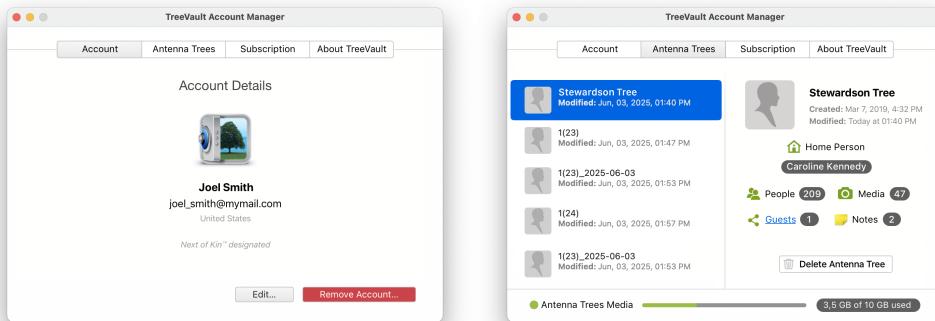
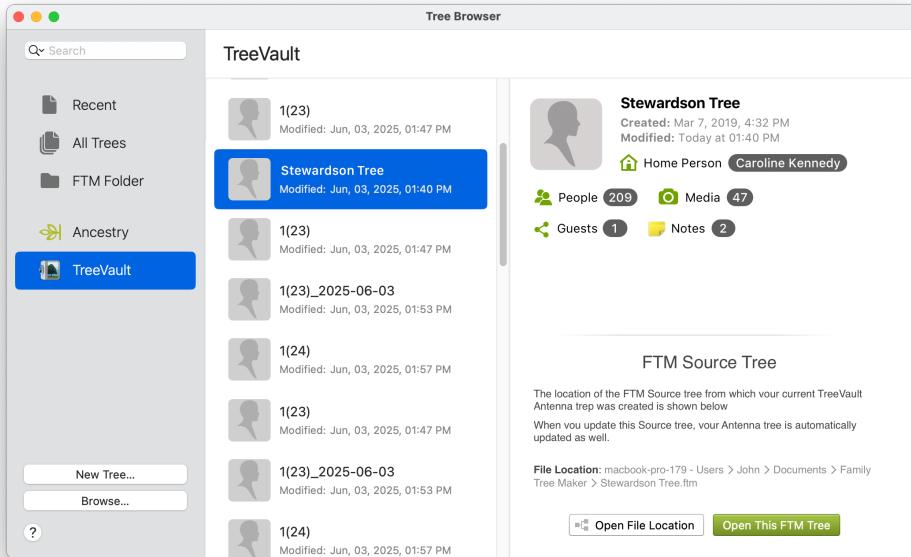
- Changes to handle Replace flow and improve Create flow

TV Account Manager functionality

- Changes to represent a list of Antenna Trees

UI mockups





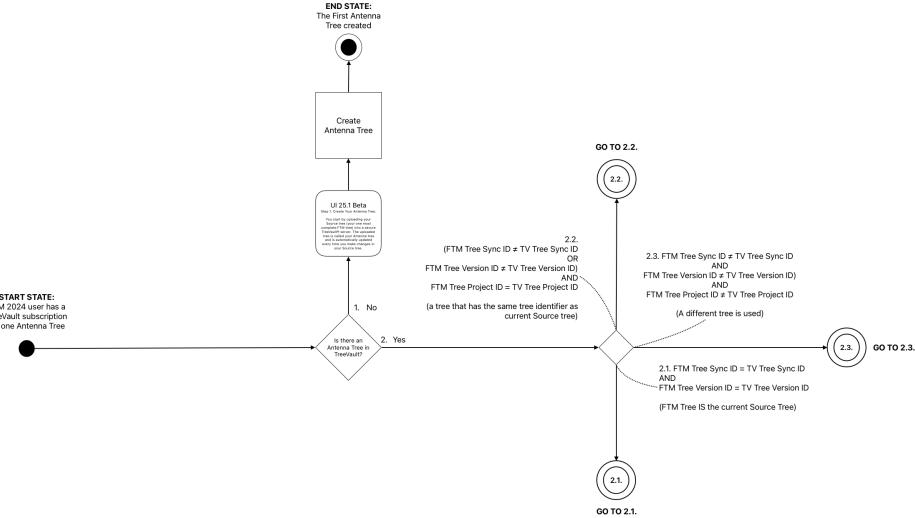
User flow

1. Create, Delete and Replace Antenna Tree

- User has a subscription for 1 Antenna Tree

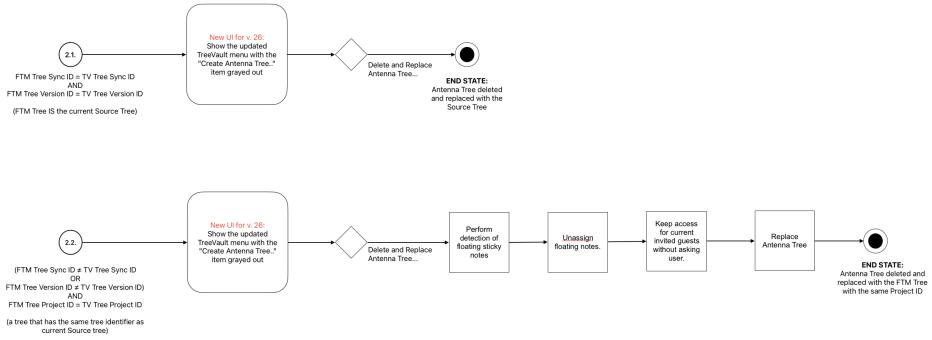
1) Is there an Antenna Tree in TreeVault? No (UI 25.1 Beta: Step 1. Create Your Antenna Tree) [Create Antenna Tree] END STATE: The First Antenna Tree created

2) Is there an Antenna Tree in TreeVault? Yes



2.1) FTM Tree Sync ID = TV Tree Sync ID AND FTM Tree Version ID = TV Tree Version ID (FTM Tree IS the current Source Tree) (New UI for v. 26: Show the updated TreeVault menu with the "Create Antenna Tree.." item grayed out) [Delete and Replace Antenna Tree...] END STATE: Antenna Tree deleted and replaced with the Source Tree

2.2) (FTM Tree Sync ID ≠ TV Tree Sync ID OR FTM Tree Version ID ≠ TV Tree Version ID) AND FTM Tree Project ID = TV Tree Project ID (a tree that has the same tree identifier as current Source tree) (New UI for v. 26: Show the updated TreeVault menu with the "Create Antenna Tree.." item grayed out) [Delete and Replace Antenna Tree...] Perform detection of floating sticky notes Unassign floating notes Keep access for current invited guests without asking user END STATE: Antenna Tree deleted and replaced with the FTM Tree with the same Project ID



2.3) FTM Tree Sync ID TV Tree Sync ID AND FTM Tree Version ID TV Tree Version ID AND FTM Tree Project ID TV Tree Project ID (A different tree is used) (New UI for v. 26: Show the updated TreeVault menu with the "Create Antenna Tree.." item available to choose)

2.3.1) [Create Antenna Tree...] (New UI for v. 26: Dialog to Upgrade subscription to multiple Antenna Trees [Cancel] [Upgrade...])

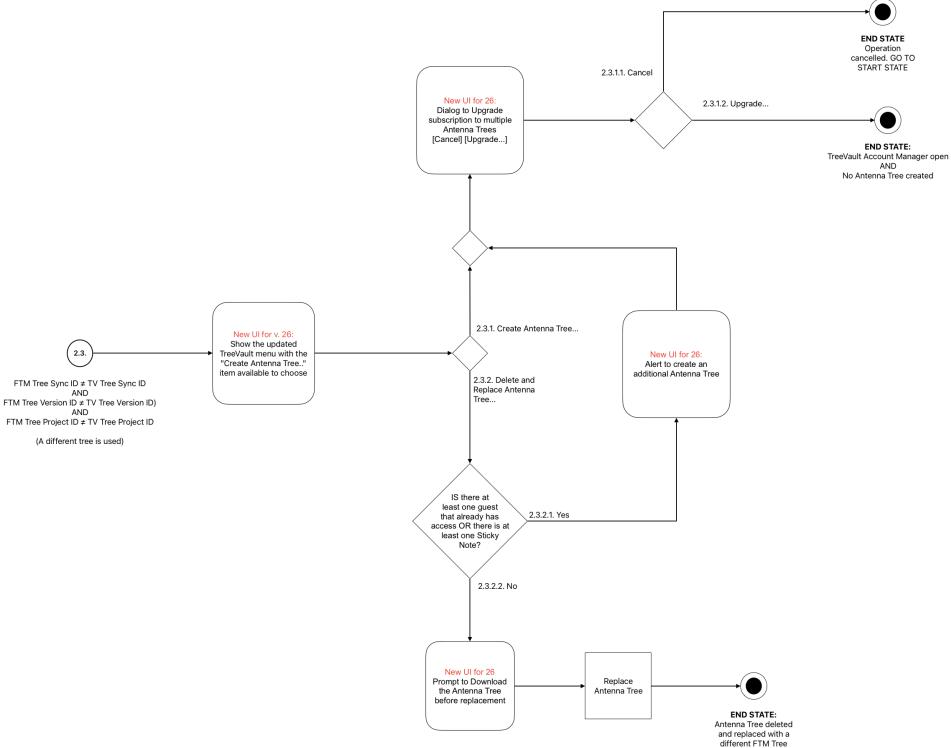
2.3.1.1) Cancel END STATE: Operation cancelled, GO TO START STATE

2.3.1.2) Upgrade... END STATE: TreeVault Account Manager open AND No Antenna Tree created

2.3.2) [Delete and Replace Antenna Tree...] IS there at least one guest that already has access OR there is at least one Sticky Note?

2.3.2.1) Yes (New UI for v. 26: Alert to create an additional Antenna Tree) (New UI for v. 26: Dialog to Upgrade subscription to multiple Antenna Trees [Cancel] [Upgrade...]) follow 2.3.1.1 / 2.3.1.2

2.3.2.2) No (New UI for v. 26: Prompt to Download the Antenna Tree before replacement) [Replace Antenna Tree] END STATE: Antenna Tree deleted and replaced with a different FTM Tree



- User has a subscription for N Antenna Trees

1) How many Antenna Trees are in TreeVault? None
(UI 25.1 Beta: Step 1. Create Your Antenna Tree) [Create Antenna Tree]
END STATE: The First Antenna Tree created

2) How many Antenna Trees are in TreeVault? One
GO TO 2.1 / 2.2 / 2.3

2.1) FTM Tree Sync ID = TV Tree Sync ID AND FTM Tree Version ID = TV Tree Version ID

(FTM Tree IS the current Source Tree)
(New UI for v. 26: Show the updated TreeVault menu with "Create Antenna Tree..."
grayed out)

[Delete and Replace Antenna Tree 1]

END STATE: Antenna Tree deleted and replaced with the Source Tree

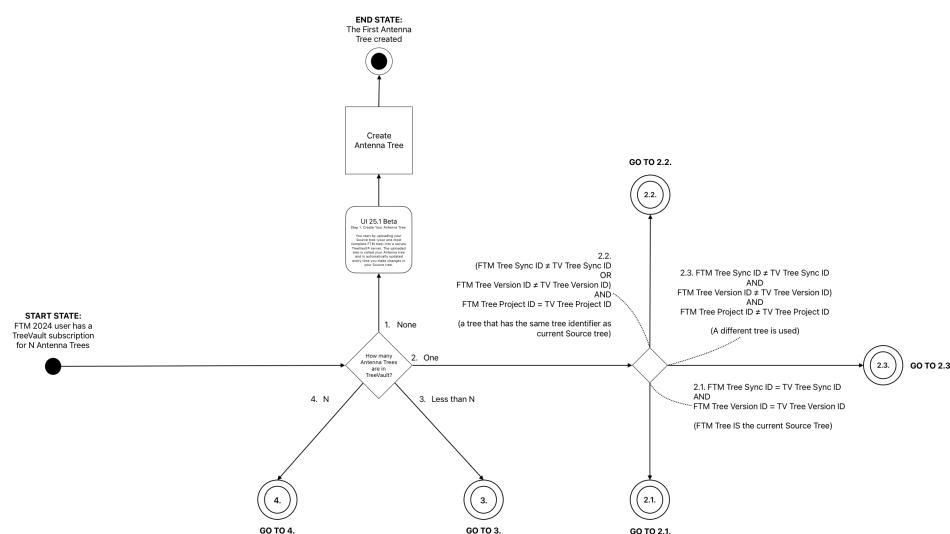
2.2) (FTM Tree Sync ID TV Tree Sync ID OR FTM Tree Version ID TV Tree Version ID)

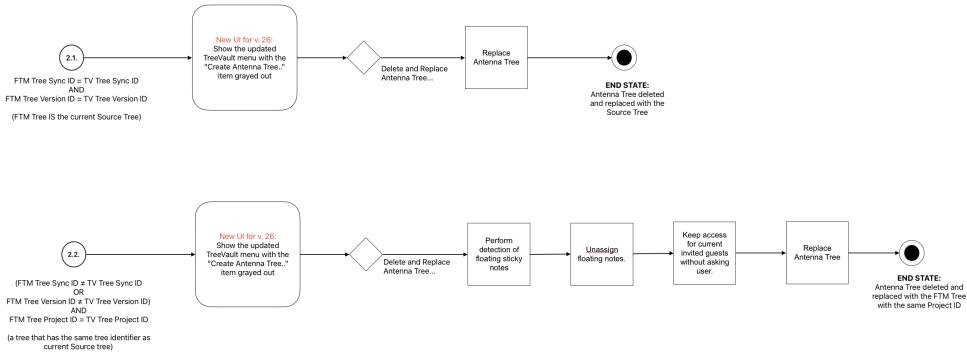
AND FTM Tree Project ID = TV Tree Project ID (same identifier)

(New UI for v. 26: Show the updated TreeVault menu with "Create Antenna Tree.." grayed out.)

[Delete and Replace Antenna Tree...] Perform detection of floating sticky notes
Unassign floating notes. Keep access for current invited guests without asking user

END STATE: Antenna Tree deleted and replaced with the FTM Tree with the same Project ID





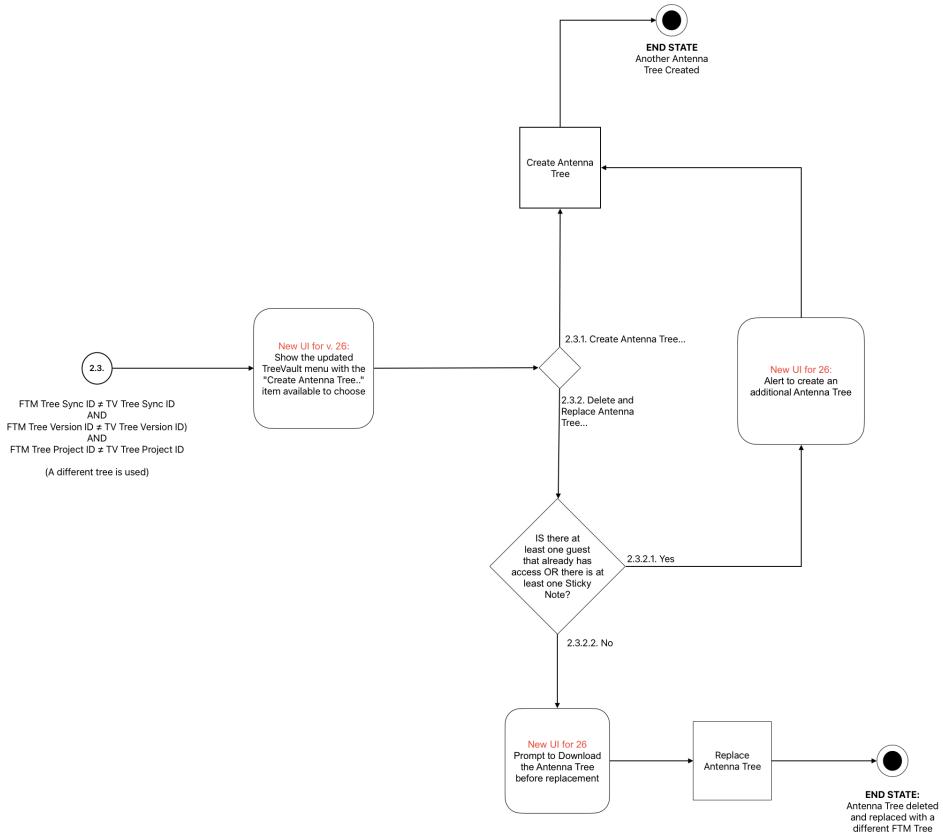
2.3) FTM Tree Sync ID TV Tree Sync ID AND FTM Tree Version ID TV Tree Version ID AND FTM Tree Project ID TV Tree Project ID (a different tree is used)
(New UI for v. 26: Show the updated TreeVault menu with "Create Antenna Tree.." available)

2.3.1) [Create Antenna Tree...]
END STATE: Another Antenna Tree created

2.3.2) [Delete and Replace Antenna Tree...]
Is there at least one guest with access OR at least one Sticky Note?

**2.3.2.1) Yes (New UI for v. 26: Alert to create an additional Antenna Tree)
[Create Antenna Tree] END STATE: Another Antenna Tree Created**

**2.3.2.2) No (New UI for v. 26: Prompt to Download the Antenna Tree before replacement)
[Replace Antenna Tree]
END STATE: Antenna Tree deleted and replaced with a different FTM Tree**



3) How many Antenna Trees are in TreeVault? Less than N
 (New UI for v. 26: Show the updated TreeVault menu with "Create Antenna Tree.." available)
 Choose action: 3.1 [Create Antenna Tree...] or 3.2 [Delete and Replace]

3.1) [Create Antenna Tree...]

Compare the open FTM Tree to all Antenna Trees in TreeVault

3.1.1) Sync ID + Version ID match

(UI: Inform user they already have a similar Antenna Tree [Cancel] [Delete and Replace])

3.1.1.1 [Delete and Replace] END STATE: Similar Antenna Tree replaced with its Source Tree

3.1.1.2 Cancel END STATE: Operation cancelled, Return to START STATE

3.1.2) Same Project ID (but Sync/Version differ)

(UI: Inform user they already have a similar Antenna Tree [Cancel] [Delete and Replace])

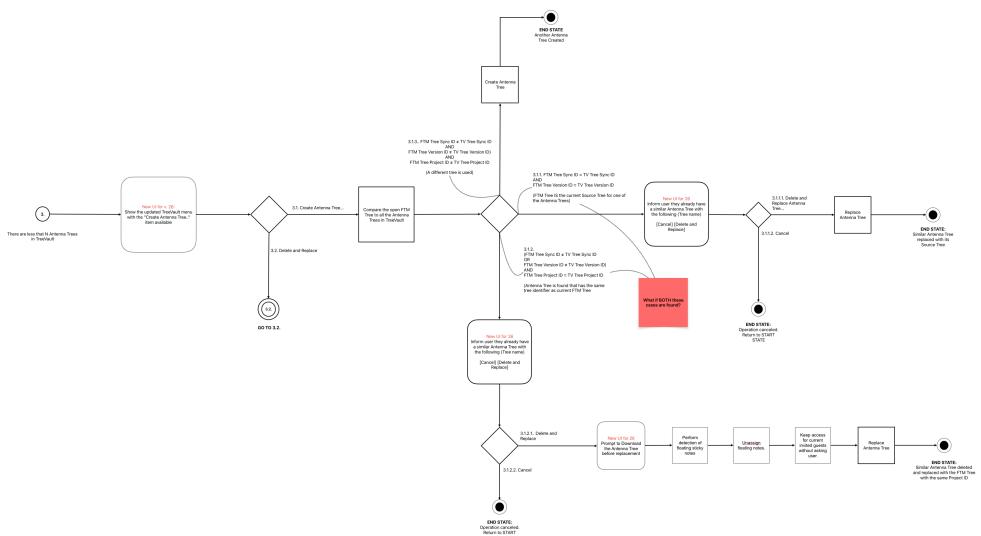
(UI: Prompt to Download before replacement)

3.1.2.1 [Delete and Replace] Perform detection of floating sticky notes
 Unassign Keep guest access

END STATE: Similar Antenna Tree deleted and replaced with FTM Tree with same Project ID

3.1.2.2 Cancel END STATE: Operation cancelled, Return to START STATE

3.1.3) Different Tree [Create Antenna Tree] END STATE: Another Antenna Tree Created



3.2) [Delete and Replace]

(UI: Choose an existing Antenna Tree to delete and replace)
Compare the chosen Antenna Tree

3.2.1) Sync ID + Version ID match

END STATE: Chosen Antenna Tree deleted and replaced with the Source Tree

3.2.2) Same Project ID (but Sync/Version differ)

(UI: Prompt to Download before replacement) Perform detection of floating sticky notes
Unassign Keep guest access [Replace Antenna Tree]

END STATE: Chosen Antenna Tree replaced with FTM Tree with same Project ID

3.2.3) Different Tree

(FTM Tree Sync ID TV Tree Sync ID AND FTM Tree Version ID TV Tree Version ID AND FTM Tree Project ID TV Tree Project ID)

Is there at least one guest that already has access OR there is at least one Sticky Note?

3.2.3.1) Yes

(New UI for v. 26: Alert to create an additional Antenna Tree)

[Create Antenna Tree]

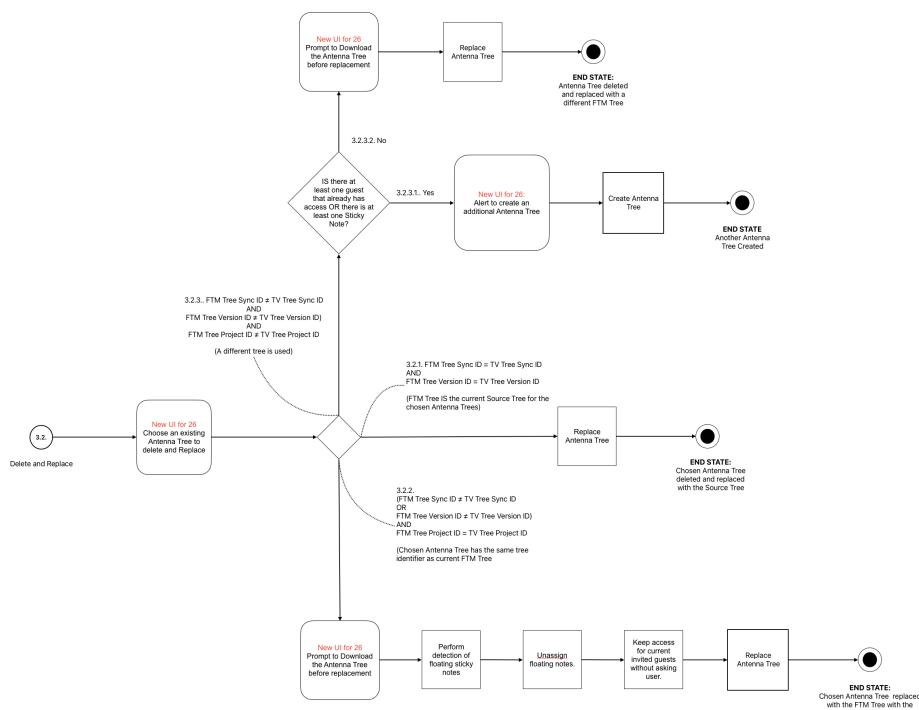
END STATE: Another Antenna Tree created

3.2.3.2) No

(New UI for v. 26: Prompt to Download the Antenna Tree before replacement)

[Replace Antenna Tree]

END STATE: Antenna Tree deleted and replaced with a different FTM Tree



4) How many Antenna Trees are in TreeVault? N
 (New UI for v. 26: Show the updated TreeVault menu with "Create Antenna Tree.." available)
 User chooses [Create Antenna Tree] or [Delete and Replace]

4.1) [Create Antenna Tree...] (UI: Dialog to Upgrade subscription to more than N Antenna Trees [Cancel] [Upgrade...])
 4.1.1 Upgrade END STATE: TreeVault Account Manager open AND No Antenna Tree created
 4.1.2 Cancel END STATE: Operation cancelled, Return to START STATE

4.2) [Delete and Replace] GO TO 3.2

