🗒️ Summary

Gatwick HVAC - Changes▫

An AC stack/condenser was changed on Friday. After this change, the fan mode, which had been previously removed, is now present again in few rooms checked London Gatwick. In response, a request for change (RFC) has been created to revert the system back to the previous mode of operation where the fan mode is removed.

Fan mode - Description▫

The fan mode feature in the bloc app is designed to provide guests with feedback when they adjust their air conditioning settings. It functions by triggering the Samsung DMS (or an other a/c device management system) to briefly output air after any changes have been made to the HVAC settings. This serves as a confirmation for guests that their A/C adjustments have been successfully implemented. However, this feature may also slow down the process of reaching the desired temperature and can potentially contribute to over-cooling or overheating the room by circulating air unnecessarily.

🗂️ Change Details

Change Request	Remove Fan Mode
Status	TBC
Recommended start date	29/04/2024
Related issues	Ticket Link
Driver	Fan mode toggled back on.
Impacted services	A/C app control
Current blockers	Peer Review of Configuration change

Service owner review	Olivier
Technical review	Alex Lloyd
Reporter	Olivier
Change Approvers	Wai / Khin
Informed stakeholders	Olivier

🗓 Change Plans

Plan Type	Description	Impact	Risk	Schedule
BACKUP PLAN	Take back up of current configuration.	No Impact	Risk None	Ahead of roll out
BACKUP PLAN	Have peer review of updated configured undertaken to ensure we have not impacted any other services - If this fails peer review roll out is delayed.	No Impact	Risk None	Ahead of roll out
ROLLBACK PLAN	Rollback to an earlier configuration	No Impact	Risk None	On the date for config change
CHANGE PLAN	Update the Xtreme room configs with Fan speed object removed.	Low Impact	Risk None	Roll out on 29/04/2024
TEST PLAN	Roll out to Master Processors and confirm master processors have updated. And test on a single room to ensure the fix is correct.	No Impact	Low Risk	Day of roll out
TEST PLAN	Reboot ten processors giving intervals of 5 minuets each. Checking the successful removal of the A/C fan mode.	Low Impact	Low Risk	Day of roll out

TEST PLAN	Continue updating processors in batches of ten allowing five minuets breaks for power consumption to stabilise.	**Low Impact**	**Low Risk**	Day of roll out

🔲 Communications

Team	Who	What	When
Xtreme to confirm ready for upgrades.	Alex / Paul	Confirm to Khin or Wai that the amended Config is ready to be rolled out to a single room for testing	29/04/2024
Start of upgrade	Alex Lloyd	Roll out code to 10 Processors to allow for the panels to be ready to accept the new updates	29/04/2024
Completion of update	Alex Lloyd	Scan all processors and remotely test rooms across all floors, confirm with Khin and Wai that changes have been taken and that rooms are operational.	29/04/2024
Failure of update	Olivier / Wai	Send tests to processors and remotely test rooms	29/04/2024 14:00 - 15:00

🔲 Post-Implementation Review

Date	29/04/2024
Requested for Comments	
Service Owner	Olivier
Participants	Alex Lloyd
Review criteria	Check All Rooms Mentioned in this RFC for the removal of the A/C offset.
Lessons Learned	

Follow-up actions	Run a follow up inspection carried out by staff across the hotel ensuring the A/C fan mode has been removed.

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