Customer-owned Tracker

Usage of customer-owned tracking devices onboard of Lufthansa Cargo and Lufthansa Group Airlines flights

General

Lufthansa Cargo and the airlines of the Lufthansa Group, Lufthansa, Austrian Airlines, Swiss Brussels Airlines and Aerologic, allow the usage of certain Customer-owned Cargo Tracking Devices being sent along with their shipments on our global network.
Please note that if a device has been approved by Lufthansa Cargo, this approval is valid for all Lufthansa as well as Lufthansa Cargo flights and also for all SN Brussles, Discover Airlines, Sun Express, ITA Airways (only 020-AWBs) and Air Dolomiti flights.

Cargo Tracking Devices are Personal Electronic Devices (PED) attached to or transported in airfreight with the purpose of monitoring location and/or various parameters, such as temperature, vibration, humidity. The device may transmit these parameters remotely by means of radio frequency emissions. Devices that do not actively transmit data are defined as “loggers” and subject to the same regulations.

As all of these devices remain switched on during flight, a technical evaluation by the operator is required. Data transmission must be suspended and disabled during flight in order to comply to air safety regulations.

Non-intentionally transmitting devices powered by coin cells are per EASA AIR OPS GM1 CAT.GEN.MPA.140 (b) in a switched-off status – and are therefore permitted for usage on the Lufthansa Group Fleet without further assessment.

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Contact

Our customers are obliged to inform us about their intent of using Customer-owned Cargo Tracking Devices being sent along with their shipment. Please do this by activating the tick box “Realtime tracking” during the online booking process.

Should you have any questions regarding the requirements on how to book a cargo tracking device with your Lufthansa Cargo or Lufthansa Group airlines shipment, please contact your respective local sales representative.

For technical questions about the devices, please contact the respective manufacturer.

If you are interested in approvals for tracking devices other than listed here, please contact your local sales representative the required documents are listed on our website.

Guideline

The following listed devices are accepted to be used aboard our airlines as depicted. The devices are not approved for transportation on interline routings with other carriers. Lufthansa Cargo and Lufthansa Group airlines will not be responsible for damages or losses of any tracking device in transit.

Lufthansa Cargo and Lufthansa Group airlines are constantly assessing new cargo tracking devices for usage aboard their aircraft.

As of January 2026, the evaluation will take place exclusively via the IATA “ONE Source” portal. For further information, please visit our website.

Concessions to use the listed devices are based upon current provisions and can be revoked at any time.

Kindly observe following general guidelines concerning your cargo tracking devices:

- Tracking devices have to be maintained in a good and safe condition in order to avoid a modification to its emission characterization and to avoid a fire hazard through its batteries
- Consider IATA guidelines „Battery powered Tracker”
- New devices can only be approved prior to technical assessment of Lufthansa Cargo and Lufthansa Group airlines via IATA “ONE Source”
- Hard- and software changes on already approved devices have to be reported to local sales
- All devices must be securely enclosed within the shipment

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Cargo Tracking Device Manufacturer | Designation	**Approved** Lufthansa Cargo	**Approved** Austrian Airlines	**Approved** Swiss Airlines Edelweiss	**Approved** Aerologic
7P Solutions GD 100, GL 300, GL 300W	✓ *1	✓ *1	✓	✓
GL300MG, GL 200	✓	✓ *4		
GL521	✓	✓ *5		✓
GL310MG; GL320MG	✓			
Adapt Ideations Kelvin & Track IT Proton Series S100/S200/S300/M100/WHO	✓	✓ *5	✓	
	✓	✓		
Kelvin Series S100 / M200 / M300	✓			
AgileNobel Tsure	✓			
Airgain NL-AT-FLIGHT	✓			
Alomind Labs Private Limited Mindlabs Go; Mindlabs Go+	✓	✓		
Mindlabs Lite; Mindlabs Lite +		✓		
Aspion G-Log, G-Log 2, G-Log waterproof	✓	✓	✓	
L-Track	✓			
Asiatelco Technologies Inc. AN95		✓ *5		
Avius ULD AvivusULD Smart ULD				✓
BeOn A1	✓	✓	✓	
Berlinger SmartMonitor Ship S	✓	✓		
SmartMonitor Ship M	✓	✓ *5	✓	
SmartMonitor Ship L	✓	✓ *5	✓	
Berlinger Q-tag CLm doc	✓	✓	✓	
Bosch Basic Sense Type S, Type T, Basic Sense I[3]	✓	✓	✓	
		✓	✓	
TDL140[3,5],			✓	
TDL110[4]	✓		✓	
CalAmp SC1004**, STAG04HT	✓	✓	✓	
SC1102	✓	✓	✓ *6	
SC1100/SC1302	✓			
SC1204				✓
CargoSense Toshiba Environmental Logger	✓		✓	
CartaSense U-Sensor; O-Sensor	✓	✓	✓	

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Celsitech Instruments LLP CelsiLog-PS21	✓			
Celsilog_SD21			✓	
Chorus Scout DOS			✓	
Scout V2, Scout 3.0		✓ *5		
Explorer 2, Explorer 2XL, Explorer Tile, Explorer LiLT, Seeker One, Seeker Mini		✓		
Controlant CO 10.01, Saga	✓	✓ *5	✓ *7	✓
Saga H, Saga P	✓	✓		✓
Saga Card	✓	✓ *5		
Copeland Go Real-Time XL 4G/5G-LT	✓			
DHL Smart Sensor RFID	✓			
Descartes CoreInsight Standard Tag SDT001, PLT001	✓			
DeltaTrack Inc. FlashLink Dry Ice USB PDF In-Transit Logger (Models of 407xx Series); FlashLink NOW; FlashLink Air; 22493, 40050	✓			
DewavIoT Technology Co., Ltd. TracSafe RLT		✓*5		
ECOPLAST Industries PVT LTD ECOLOG-1	✓			
ECS GWS-CSCG Logistic MonitoringGateway	✓	✓ *5		
eLOC8 AviusULD Smart ULD	✓			
Elpro LIBERO CB, CD, CE, CH, CI, CL, CS	✓	✓	✓ *7	
LIBERO GE, GF, GH, GL, GS	✓	✓ *5	✓ *7	✓*9
Elitech LogET 1	✓	✓		
RC-17,RC-5,Tlog 10, Tlog 100, TinyUSB-10, LogEt1	✓	✓		
Glog 5		✓		
PS-21		✓		
Emerson Electric Co. Go Real-Time 4G/5G, XL 4G/5G (Reusable)	✓	✓	✓	
Emerson GO Real-Time 4G/5G Global Emerson GO Real-Time 4G/5G Global Plus GO PDF Mini; XpressPDF	✓			
Freight Logger FreightLogger Mk1	✓			

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Freshliance Fresh Tag 1; Fresh Tag 1E, Fresh Tag 10, TagPlus, E10, Fresh Tracker 1*5, Fresh Tracker 10*5	✓	✓		
Fresh Tracker 20*5, Thermis Tag 1, Thermis Tag 1E		✓		
Frigga Frigga V5 Series / Smart Tag	✓	✓ (*5 only V5 Series)		✓
Frigga T7;	✓		✓	✓
M / U1	✓			✓
TracSafe RLT	✓	✓ *5	✓	✓
Fujita KT-295 UGX	✓			
GEGO Global Tracker V1, V1W	✓			
GEO Single Use IoSC Egde (V2)	✓	✓ *5		
German Cryo trec 100	✓			
Digital matter Griffin-Air	✓	✓ *5		
Hanhaa ParceLive	✓	✓ *5	✓	
HERE Technologies HERE Premier Tracker	✓	✓ *5	✓	✓
Honeywell RTHAL-C1, 3G-ST-THALP-1	✓		✓ *7	
BluTag 360	✓	✓	✓	
Hyunsung Co., Ltd. Smart Label HS-SL815	✓	✓ *5		
Intelyt iCHIME, iTAG	✓	✓	✓	✓
In Virtus Technologies ivTrackEvo; ivTrackNano				✓
iTraq iTraq Butterfly	✓	✓ *5	✓	
Kirsen Global Security Schenker Smartbox A-Type	✓	✓ *5	✓	
Lisaline Lifescience Degrite S USB	✓	✓		
LivingPackets France Taille S,M,L,XS, XXS;				✓
The Box L V2; Pro, Tablet V2			✓	✓
Loco HGR 4				✓

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Logmore TAG Sensor	✓			
Data Logger 10/20/30/40/50/60	✓	✓		
LogTag Recorders Ltd. LogTag TRIX-8, TRIX-16, USRIC-16	✓			✓
LogTag EV-16, USRIC-8,	✓	✓		✓
TICT	✓			
Mettemp MT-2, MT-5	✓			
Minew MTB06		✓	✓*2	
T3-D			✓	
Modum MODsense T	✓	✓	✓	
Moeco IoT Inc. MGT1301; MGT1302	✓			
Moog Sense Aware 3000, ILC 3000	✓	✓ *5	✓	
Murata Manufactoring Co.,Ltd. muRata LBBC0ZZ2AM-690		✓		
MSR Electronics MSR 63, 64, 83, 84, MSR 145B4, MSR 145B7, 145B8, 145B15, 145B16,	✓	✓		✓
MSR165B8, MSR175B16T2AA5 MSR175B16T6H3P5AA5L2 175B56T6H3P5AA5L2G, MSR175plus	✓	✓	✓	✓
OnAsset Sentinel 100, 100A, 100B, 100L, 100P, 100S	✓	✓ *5	✓	
Sentry 500	✓	✓ *5	✓	✓
Sentry 600 Flight Safe	✓	✓	✓	✓
Sentinel FLEX Label; Sentinel 200	✓			
Onset Computer Corporation InTemp CX 501, CX502, CX503	✓	✓ *5	✓	
InTemp CX402, CX405, CX602, CX603, CX702, CX703	✓			
InTemp CX 600, InTemp CX700		✓		
Qualcomm QTS110; QTS112	✓			

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Reelables Inc. A-Label; RN0001	✓			
5G Shipping Label				✓
Roambee *7 BeeBeacon	✓	✓		
BeeSense Modbus (BL-MOD-3)	✓	✓ *5		✓
BeeAir, Beacon Plus; Plus Probe VOC		✓	✓	
BeeSense (RMBU_3GTR)	✓	✓ *5	✓	
BeeSense Flex (BNG500M)	✓	✓ *5	✓	✓
BeeLabel	✓			✓
SAS Tracker STRACKER PT35	✓	✓ *5	✓	
SENCIUS TECHNOLOGIES Tempnote®V1, Lite V2.0, T32SU, T32, TH32	✓	✓	✓	✓
Sendum PT300D	✓	✓ *5	✓	
SenseAware SA3000, PT300D*5	✓	✓	✓	
SenseAware 4000, M4, SenseAware ID	✓	✓ *5	✓	✓
Sensire TSN Prop	✓	✓ *5		
Sensitech TempTale Geo Ultra (TT11012990)	✓	✓ *5	✓	✓
TempTale Ultra Multi-Use (T11012940)	✓	✓		
TempTale Ultra 16K, 64K, Fit, Dry Ice Probe, Probe, Humidity, Ultra BIO TagAlert NFC T11012870 TempTale Ultra Dry Ice Ambient (T11012800) TempTale GEO Ultra 16K AMBIENT (T11012570)	✓	✓ *5		
TempTale Geo X, XE, XP, XEP	✓	✓ *5		✓
TempTale Geo Ultra Dry Ice (T11013070); VizComm View Ultra (T11013050)	✓	✓ *5	✓	✓
TII013060				
TempTale Ultra Probeless Dry Ice; VaxAlert	✓			
Sensolus Track 1101 IF	✓			
Track 1105 IF				✓

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SensosLabz.io Ltd Sensos Tracking Label Gen 2.0	✓	✓ *5	✓	
Shenzhen Minew Technologies Co. Ltd. D15N	✓			
Shenzhen Yesss Technology Co. Ltd. Type AC S1; Type AC S2		✓		
Shipit.to SIT1002	✓	✓ *5	✓	
SkyCell Savy Sensor (Model 800) SECURE Live MR Logger (810.811.812)	✓	✓ *5	✓	
Sony Visilion Mobiam Tracker	✓			
Vislion Tracker G100 (VT-G100)	✓	✓ *5		
Sensos Smart Label Gen 1.0	✓			
Space BD Inc. DS1992L/TR-71nw	✓			
Stefanelli Enterprises Temp-Tock D Temp-Tock A	✓			
System Loco Loco Tag E4BL	✓	✓		
HGR4	✓	✓ *	✓	✓
HGD4	✓	✓ *5		
Swissairtainer SAT RKN Active ULD				✓
Tag-n-Trac Tac-n-Trac SLB1	✓	✓	✓	
Smart Sense Tag ST100	✓			
SSL300; ST300; ST300Air	✓	✓		
SSL100-SU	✓	✓		✓
SMM300; SAM500		✓		
Tapp Humidity Label, Temperature Label				✓
Tec4Med Smart Beacon, Temp Beacon, CyroBeacon	✓	✓	✓	
Smarthub, Smartlock	✓	✓ *5		✓

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Tempmate GmbH tempmate S1 V2	✓	✓	✓	
tempmate-S2	✓	✓		
tempmate GS2		✓ *5		
tempmate GM2	✓			
TempSen Bio, TH, SP, Tempod 30, 50X, 90S, 100X, 200X, 20B, 50XB, 100XB, 200XB, Alpha TH30	✓	✓		
G100				✓
ITAG3 Pro, ITAG4 SP,Tempod 200XB, Tempod 100XB, Tempod 90S	✓			
ITAG4	✓	✓		
Theftex GmbH Thingfox T2	✓			✓
Thermolabo ClimaStiQ		✓		
Testo 184 T3			✓	
Tive TT-4000 (Flagship)	✓	✓ *5	✓	
TT-6000	✓	✓		
TT-7000 (Solo 5G), TT7100 (Non-Lithium)	✓	✓ *5	✓	✓
TT-8000; TT-8100	✓			
TT-9100; TT-9110	✓	✓ *5		
ToolLive TL001	✓	✓	✓	
Trackonomy FBB-2000	✓	✓ *5	✓	
FWB-2000	✓	✓	✓	
FWB-2001	✓	✓		
FBO-2001	✓	✓ *5		
FBO-2005 (***5**); CGB-2002	✓	✓		✓
FBO-3004	✓	✓ *5		

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TSS TempTracer 2,3, Humidity, BLE, WebLogger, II, Dry Ice	✓	✓	✓	
T-Systems ECD ECD Solid II	✓	✓		
Tzone Digital Technology TempU08, TT19, TempU02, TempU04	✓			
Versa Versa 1	✓	✓ *5	✓	
Visemo ARTLabel			✓*2	
Willog RT+T1L	✓			
XSense LTD HiTag2.0	✓			
HiTag2 FM				
Zion Lite, Lite+				✓
zLogg LLC Z1 Series (e.g. z1LcdMu, Z1H)	✓			

1 For 7P Solutions devices, following settings have to be ensured before usage on board: Flight Mode (OnOff_enable) = Activated, GPS fix available (OnTIme) > 5min, GPS fix unavailable (OffTime) < 1min, Minimum TX Altitude (SFAlt) <2000m, Maximum TX Speed (SFSpeed) <100 km/h
2 AWB must include statement “Not restricted as per special provision A123.”
4 AUA also approved the extended battery for GL300MG
5 Device only approved on Austrian Airline flights for urgent medical shipments upon request. Please contact cargomanager@austrian.com for individual approval. (**Devices >100mW are not permitted on OS B767 fleet operated flights**, a case-by-case assessment is therefore required to ensure requested route will not be operated with OS B767)
7 Kindly refer to https://www.swissworldcargo.com/en/activetrackingdevices for further important information
8 AWB must include statement "Not restricted as per special provision A123.”
9 only LIBERO GE approved on Aerologic

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