



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





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<b>Celsitech Instruments LLP</b> CelsiLog-PS21	✓			
Celsilog_SD21			✓	
<b>Chorus</b> Scout DOS			✓	
Scout V2, Scout 3.0		✓ *5		
<b>Controlant</b> CO 10.01, Saga	✓	✓ *5	✓ *7	✓
Saga H, Saga P	✓	✓		✓
Saga Card	✓	✓ *5		
<b>Copeland</b> Go Real-Time XL 4G/5G-LT	✓			
<b>DHL</b> Smart Sensor RFID	✓			
<b>Descartes CoreInsight Standard Tag</b> SDT001, PLT001	✓			
<b>DeltaTrack Inc.</b> FlashLink Dry Ice USB PDF In-Transit Logger (Models of 407xx Series); FlashLink NOW; FlashLink Air; 22493, 40050	✓			
<b>ECOPLAST Industries PVT LTD</b> ECOLOG-1	✓			
<b>ECS</b> GWS-CSCG Logistic MonitoringGateway	✓	✓ *5		
<b>eLOC8</b> AviusULD Smart ULD	✓			
<b>Elpro</b> LIBERO CB, CD, CE, CH, CI, CL, CS	✓	✓	✓ *7	
LIBERO GE, GF, GH, GL, GS	✓	✓ *5	✓ *7	✓ *9
<b>Elitech</b> LogET 1	✓	✓		
RC-17,RC-5,Tlog 10, Tlog 100, TinyUSB- 10, LogEt1	✓	✓		
Glog 5		✓		
<b>Emerson Electric Co.</b> 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	✓			
<b>Freight Logger</b> FreightLogger Mk1	✓			
<b>Freshliance</b> Fresh Tag 1; Fresh Tag 1E	✓	✓ (only Fresh Tag 1E)		
Fresh Tag 10 ,TagPlus, E10, Fresh Tracker 1, Fresh Tracker 10	✓			





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<b>Frigga</b> Frigga V5 Series / Smart Tag	✓	✓ (*5 only V5 Series)		✓
Frigga T7;	✓		✓	✓
M / U1	✓			✓
TracSafe RLT	✓	✓ *5	✓	✓
<b>Fujita</b> KT-295 UGX	✓			
<b>GEGO</b> Global Tracker V1, V1W	✓			
<b>GEO</b> Single Use IoSC Egde (V2)	✓	✓ *5		
<b>German Cryo</b> trec 100	✓			
<b>Digital matter</b> Griffin-Air	✓			
<b>Hanhaa</b> ParceLive	✓	✓ *5	✓	
<b>HERE Technologies</b> HERE Premier Tracker	✓	✓ *5	✓	✓
<b>Hive-Zox</b> BEEcon	✓		✓	
BEEconIoT with Probe	✓	✓ *5	✓	
BEEconIoT		✓ *5	✓ *8	
<b>Honeywell</b> RTHAL-C1, 3G-ST-THALP-1	✓		✓ *7	
BluTag 360	✓	✓	✓	
<b>Hyunsung Co., Ltd.</b> Smart Label HS-SL815	✓	✓ *5		
<b>Intelyt</b> iCHIME, iTAG	✓	✓	✓	✓
<b>In Virtus Technologies</b> ivTrackEvo; ivTrackNano				✓
<b>iTraq</b> iTraq Butterfly	✓	✓ *5	✓	
<b>Kirschen Global Security</b> Schenker Smartbox A-Type	✓	✓ *5	✓	
<b>Lisaline Lifescience</b> Degrite S USB	✓	✓		
<b>LivingPackets France</b> Taille S,M,L,XS, XXS;				✓
The Box L V2; Pro, Tablet V2			✓	✓
<b>Loco</b> HGR 4				✓





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





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<b>Reelables Inc.</b> A-Label; RN0001	✓			
5G Shipping Label				✓
<b>Roambee</b> *7 BeeBeacon	✓	✓		
BeeSense Modbus (BL-MOD-3)	✓	✓ *5		✓
BeeAir, Beacon Plus; Plus Probe VOC		✓	✓	
BeeSense (RMBU_3GTR)	✓	✓ *5	✓	
BeeSense Flex (BNG500M)	✓	✓ *5	✓	✓
BeeLabel	✓			✓
<b>SAS Tracker</b> STRACKER PT35	✓	✓ *5	✓	
<b>SENCIUS TECHNOLOGIES</b> Tempnote®V1, Lite V2.0, T32SU, T32, TH32	✓	✓	✓	✓
<b>Sendum</b> PT300D	✓	✓ *5	✓	
<b>SenseAware</b> SA3000, PT300D*5	✓	✓	✓	
SenseAware 4000, M4, SenseAware ID	✓	✓ *5	✓	✓
<b>Sensire</b> TSN Prop	✓	✓ *5		
<b>Sensitech</b> TempTale Geo Ultra (T11012990)	✓	✓ *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	✓	✓
T11013060				
TempTale Ultra Probeless Dry Ice; VaxAlert	✓			
<b>Sensolus</b> Track 1101 IF	✓			





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





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<b>Tempmate GmbH</b> tempmate S1 V2	✓	✓	✓	
tempmate-S2	✓	✓		
tempmate GS2		✓ *5		
tempmate GM2	✓			
<b>TempSen</b> 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	✓	✓		
<b>Theftex GmbH</b> Thingfox T2	✓			✓
<b>Testo</b> 184 T3			✓	
<b>Tive</b> TT-4000 (Flagship)	✓	✓ *5	✓	
TT-6000	✓	✓		
TT-7000 (Solo 5G), TT7100 (Non- Lithium)	✓	✓ *5	✓	✓
TT-8000; TT-8100	✓			
TT-9100; TT-9110	✓	✓ *5		
<b>ToolLive</b> TL001	✓	✓	✓	
<b>Trackonomy</b> FBB-2000	✓	✓ *5	✓	
FWB-2000	✓	✓	✓	
FWB-2001	✓	✓		
FBO-2001	✓	✓ *5		
FBO-2005 (*5); CGB-2002	✓	✓		✓
FBO-3004	✓			





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<b>TSS</b> TempTracer 2,3, Humidity, BLE, WebLogger, II, Dry Ice	✓	✓	✓	
<b>T-Systems ECD</b> ECD Solid II	✓	✓		
<b>Tzone Digital Technology</b> TempU08, TT19, TempU02, TempU04	✓			
<b>Versa</b> Versa 1	✓	✓ *5	✓	
<b>Willog</b> RT+T1L	✓			
<b>XSense LTD</b> HiTag2.0	✓			
HiTag2 FM				
<b>zLogg LLC</b> 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](mailto: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

