



Galileo – 5 servicesOpen AccessFree to air; Mass market; Simple positioningImage: Colspan="2">Image: Colspan="2" Image: Colspan="2" Ima			
CommercialEncrypted; High accuracy; Guaranteed serviceSafety of LifeOpen Service + Integrity and Authentication of signalPublic RegulatedEncrypted; Integrity; Continuous availabilitySearch and RescueNear real-time; Precise; Return		Free to air; Mass market;	
Salety of Life Authentication of signal Public Regulated Encrypted; Integrity; Continuous availability Search and Rescue Near real-time; Precise; Return		Encrypted; High accuracy;	
Continuous availability Search and Rescue Near real-time; Precise; Return	Safety of Life		-
	Public Regulated		- Jang
	Search and Rescue		

Mass market application		
 Interoperability with oth (dual receivers) and the Free of charge 	er GNSS systen ir evolutions	2 frequencies
		ZIEQUENCIES
	1 frequency	
Horizontal Positioning (95%)	1 frequency 15 [m]	4 [m]
Horizontal Positioning (95%) Vertical Positioning (95%)		
Vertical Positioning (95%)	15 [m]	4 [m]
- · <i>·</i>	15 [m] 35 [m]	4 [m] 8 [m]

Commercial Service



- Based on the open service standard
 Provisions
- Additional commercial encrypted data
- Added value services (<u>higher accuracy</u>, data broadcast, authentication) with respect to the open service

| 5

- Service guarantees
- Access through external Service
 Providers

Applications Safety of Life Mass Market Professional • Personal communication • Oil and Gas Aviation Rail and navigation • Mining • Maritime Cars / motorcycles Timing Inland waterways Trucks & buses • Environment • Ambulance Light Commercial • Fleet Management Vehicles Police / Fire Asset Management Personal outdoor • Geodesy Search and Rescue Personal Protection recreation • Meteorological • Others... • Traffic surveillance forecasting • Land Survey / GIS • Dangerous goods trans. • ADAS Precision survey Precision Agriculture • Fisheries / EEZ • Vehicle control and robotics Construction / Civil ergy • Integrity Engineering Low costs, Low power cons., Small size, (<u>error-free</u>), Standards, Regulation, • Space Friendly use, Best perf. accordingly Continuity, Availability, High precision, High accuracy, High reliability Accuracy 6

















