



HENSOLDT IFF portfolio

Identifying friends, preventing friendly fire

Friend-or-foe identification (IFF) is the fundamental principle of positively identifying friendly forces, within war theatre or critical mission. Enhancing security through Mode 5 cryptographic computers, the HENSOLDT portfolio offers full experience, expertise, and certification support on the latest IFF Mode 5 capability around the world, in the air, on ground and at sea.

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		Transponder	Interrogator		Crypto computer
		LTR 400	MSSR 2000 ID (UPX48)	MSR 1000 I	QRTKxNG
Platform type	Air	X			X
	Ground	X	X	X	X
	Sea	X	X	X	X
Mode	Civil mode: A, C, S ELS EHS	X	X	X	
	ADS-B extended squitter	X	X	X	
	NATO military mode: 1, 2, 3, 5 L1/2	X	X	X	X
	National Secured Mode (NSM)	X	X	X	X
	360° surveillance		X	X	
	Stop and Stare mode		X		
Range	Long range up to 331 NM		X		
	Very short range (MANPAD)			X	
Multi-crypto compatibility	QRTKxNG	X	X	X	Compatible with all HENSOLDT and third-party Mk-XIIA interrogators, transponders, CIT and key loaders
	KIV 77, SIT 2010	X	X	X	
	KIV 78		X		
Multi-antenna compatibility	Rotating antenna	X	X	X	
	Yagi antenna			X	
	AESA non-rotating antenna (NESIS 4000)	X	X		
	Fixed-panel antenna, Stop and Stare mode		X (new)		
Airworthiness	ETSO C112d, ETSO-C166b	X			
	DO 254	DAL C			DAL D
	DO 178C				DAL D
Military interoperability	STANAG 4193, edition 3	X	X	X	X
	AIMS	X	X	X	X
	SECAN				X
Civil aviation	ICAO Annex 10 vol. IV	X	X	X	X
	Eurocontrol EMS functional spec. v3.11		X		

HENSOLDT Blended Learning

Our continuously developed training approach „HENSOLDT Blended Learning” uses various media and didactic approaches including simulation and AR/VR technology to ensure the best, sustainable and most efficient learning experience. For more information please refer to: <https://www.hensoldt.net/services/training/>



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Detect and Protect.