

Cost hike

Prices for electronics and electronic components are rising and supply bottlenecks are increasing. Thanks to good warehousing, we have so far been able to cushion the trend. Chips and software engineering costs cause our prices to increase by an average of 8.0%. The new prices will be in effect from 01.10.2022.

Installation in 3 PC9 at Qinetiq GmbH



Enhancement of the Fleet

3 more Pilatus PC-9, two-seat in a row training aircraft with turboprop propulsion, are now equipped with MT-VisionAir X systems.

Cockpit Lighting Synchronisation

The installation ensures perfect usage and readability, the dimming with the star button adapts screen brightness to light conditions easily.

Additionally the screen is dimmed together with cockpit instruments lighting.

Night vision goggle operations will be tested with the NVG adjustment of the screen.

Challenging Folding Mechanism

A challenge of the installation was the requirement to lay the MT flat, so to speak, to ensure the ground perspective for the pilot. Qinetiq's design department in Moenchengladbach created a folding mechanism with a **robust lever** on the right side which enables to turn down and lift up the Moving Terrain unit easily and quickly.



Lever on the right side

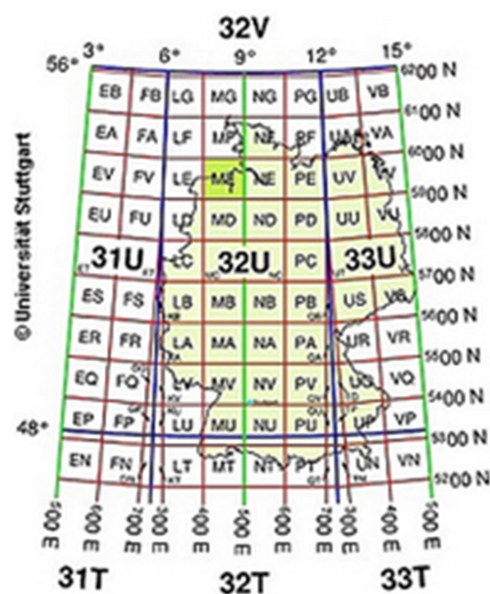


Front view with MT-VisonAir X folded away

UTM Coordinates

Kinetiq (formerly E.I.S. GmbH) has been using MT Systems in the PC9 fleet since about 2001 and the switch to the UTM coordinate grid used there has been part of the program for just as long. The coordinates are displayed in MGRS format. Waypoints can also be entered in this format.

The Military Grid Reference System MGRS is the geocoordinate standard used by NATO militaries for locating points on Earth. The MGRS is derived from the Universal Transverse Mercator (UTM) grid system and the Universal Polar Stereographic (UPS) grid system, but uses a different labeling convention. The MGRS is used as geocode for the entire earth.



NAV WPT PAGE (VFR & IFR WAYPOINTS)

CURRENT WAYPOINT		SEARCH	MODE
NAME	MÜNCHEN	EDDM	FLT 75%
ICNT	EDDM	EDDM	09:49:50
TYPE	APT	EDDM	INT-SIM
LAT	32U QU	EDDM	32T PS
LOX	064 594	EDDM	082 404
ELEV	1487 FT	EDDM	16469 feet
INFO	123,125; TWY 118,700; 120,500; IL508R 109,30; IL526L 108,30; IL508L 109,50; IL526R 108,70; TEL: (089)975-21199; RWY 08L/26R 4000m CONCRETE	EDDM	GS 110 MT208
		EDDM	DCT LIPB
		EDDM	DME 38.1 MC083
		EDDM	EET 00:20:47
		EDDM	SINGLE CHART LIPB11
		EDDM	NXT WPT ----
		EDDM	DME -- MC --
		EDDM	EET --:--:--
		EDDM	DEST ----
		EDDM	DME --
		EDDM	EET --:--:--

DBASE GOTO DCT DCTuod DCTfmo EDIT CHAR UP DOWN BACK

For Swiss Helicopter Pilots

The Swiss coordinate system SwissGrid has also been part of the program for years and is regularly used in Switzerland.

NAV WPT PAGE (VFR & IFR WAYPOINTS)

MOVING TERRAIN
Air Navigation Systems AG

MODE FLT 75%
09:53:36
INT-SIM

E 823.571
N 132.124
19692 feet

GS 110 MT 193
DCT LIPB
DME 41.8 MC 075
EET 00:22:50
SINGLE CHART LIPB11
NXT WPT ----
DME -- MC --
EET --:--:--
DEST ----
DME --
EET --:--:--

CURRENT WAYPOINT
NAME LUGANO
IDENT LSZA TYPE APT
EAST E 714.000 NORTH N 95.742
ELEV 915 FT
INFO 121,175; TWR 120,250;
122,550; 119,700; IL501 108,90; TEL:
0916101111;
RWY 01/19 1420m ASPHALT

SEARCH
LSZA
LSZB
LSZC
LSZE
LSZF
LSZO
LSZH
LSZI
LSZJ
LSZK
LSZL
LSZH
LSZO
LSZP

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Pictures with kind permission of Qinetiq GmbH

A little smile even in these difficult times

An airplane is supposed to take off on a small island. The pilot is annoyed: "I don't fly with the machine as long as the engine is not changed. A short time later, the plane takes off. A passenger asks the flight attendant how the engine could be changed so quickly. She says: "It takes too long, we changed the pilot."



Your MT-Team

Moving Terrain AG | Air Navigation Systems | Sparenberg 1 | 87477 Sultzberg | Germany
www.moving-terrain.de | www.blitzplan.de | Tel. +49 (0) 8376 - 9214 - 11 | Fax +49 (0) 8376 - 9214 - 14

If you do not want to receive our newsletter any longer, please send an email to: office@moving-terrain.de