

REFERENCES

World leader in next-generation surveillance and flight tracking



ERA IN EUROPE

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
ARMENIA Gyumri Airport	ARMATS (Armenian Air Traffic Service)	2014	WAM (Extension)	6	Operational
		2004	WAM	5	Operational
ARMENIA Yerevan Airport	ARMATS (Armenian Air Traffic Service)	2014	WAM (Extension)	6	Operational
		2004	WAM	6	Operational
BELGIUM Brussel	Belgocontrol	2012	SQUID	142	Operational
BULGARIA Sofia	Bulgarian Air Traffic Services Authority	2012	SURFACE	13	Deployment
CZECH REPUBLIC Brno Airport	ANS of the Czech Republic	2008	WAM	7	Operational
CZECH REPUBLIC MLAT Network Cell 1 - 7	Czech Army - Military ATC	2002	WAM (PSS VA3D-31/37) (Upgrade of PSS A-31/37)	7	Operational
		1996	WAM (PSS A-31)	3	Operational
			WAM (PSS A-32)	3	Operational
			WAM (PSS A-33)	3	Operational
			WAM (PSS A-34)	3	Operational
			WAM (PSS A-35)	3	Operational
			WAM (PSS A-36)	3	Operational
WAM (PSS A-37)	3	Operational			
CZECH REPUBLIC Ostrava Mosnov Airport	ANS of the Czech Republic	2008	WAM (Upgrade) + SURFACE	2 + 4	Operational
		2001	WAM	5	Operational
		2008-2011	SQUID	73	Operational
CZECH REPUBLIC Prague Ruzyně International Airport	ANS of the Czech Republic	2015	WAM	Upgrade	Deployment
		2010	WAM + SURFACE	Upgrade	Operational
		2006	WAM	10	Operational
		2005	SURFACE	Upgrade	Operational
		2003	SURFACE	15	Operational
		1999	WAM + SURFACE	5	Operational
2004-2014	SQUID	164	Operational		
DENMARK Copenhagen Airport	Copenhagen Airports	2014	SURFACE (Extensions)	4	Operational
		2009-2013	SURFACE (Extensions)	5	Operational
		2003	SURFACE	18	Operational
		2004-2011	SQUID	263	Operational
ESTONIA Tallinn Airport	Estonian Air Navigation Services (EANS)	2008, 2009-2012	SURFACE + SQUID	16 + 57	Operational
FINLAND Helsinki	Finavia	2010-2011, 2014	SQUID	180	Operational
GERMANY Berlin Brandenburg International Airport	DFS Deutsche Flugsicherung	2010	SURFACE	43	Operational
		2009, 2012	SQUID	300	Operational

WAM (Wide Area Multilateration)
SURFACE (A-SMGCS Support)

GERMANY Braunschweig Airport	DFS Deutsche Flugsicherung	2011	SURFACE + WAM	1 + 1	Operational
		2005	SURFACE	Upgrade	Operational
		2000	SURFACE	8	Operational
GERMANY Düsseldorf	DFS Deutsche Flugsicherung GmbH	2015	SURFACE (NEO)	31	Deployment
GERMANY Hamburg Airport	DFS Deutsche Flugsicherung GmbH	2007	SURFACE	21	Operational
		2012 -2013	SQUID	51	Operational
GERMANY Munich International Airport	DFS Deutsche Flugsicherung FMG Flughafen Muenchen	2012	SURFACE (Extension)	8	Operational
		2006	SURFACE + SQUID	32 + 312	Operational
GERMANY Köln/Bonn	DFS Deutsche Flugsicherung GmbH	2016	SURFACE (NEO)	36	Deployment
GERMANY Frankfurt am Main, Bremen, Langen, Nurnberg	DFS Deutsche Flugsicherung	2008-2014	SQUID	735	Operational
GREECE Thessaloniki "Macedonia" Airport	Hellenic Civil Aviation Authority	2010	SURFACE	11	Operational
HUNGARY Budapest Ferihegy Airport	HungaroControl	2014	SURFACE	Upgrade	Deployment
		2006	SURFACE	28	Operational
		2006-2011	SQUID	119	Operational
IRELAND Dublin Airport	Irish Aviation Authority	2007,2010, 2012	SURFACE + SQUID	21 + 80	Operational
		2010	SURFACE (Extension)	4	Operational
LATVIA Riga Airport	Latvijas Gaisa Satiksme (LGS), International Airport Riga	2007	WAM	6	Operational
		2016	SURFACE (Extension)	13	Deployment
		2005	SURFACE	9	Operational
		2006-2012	SQUID	85	Operational
MOLDOVA Chisinau	Moldavian Air Traffic Services Authority (MoldATSA)	2014	SURFACE (NEO)	11	Deployment
		2014	WAM (NEO)	15	Operational
THE NETHERLANDS Amsterdam	Amsterdam Schiphol Airport	2005-2013	SQUID	447	Operational
THE NETHERLANDS North Sea	Luchtverkeersleiding Nederland	2007	WAM	20	Operational
		2014	SQUID	3	Operational
NORWAY Oslo Airport	LUFTHAVN	2015	SURFACE	Upgrade	Deployment
		2012	SURFACE (Extension)	1	Operational
		2007	SURFACE	25	Operational
		2007-2014	SQUID	315	Operational
POLAND Krakow Airport	Krakow Airport	2007	SQUID	8	Operational
PORTUGAL Azores	NAV Portugal E.P.E. - Lisboa, Portugal	2009	WAM + ADS-B	11	Operational
		2013	WAM + ADS-B (Extension)	6	Operational

ADS-B (Automatic Dependent Surveillance - Broadcast)

SQUID (Vehicle Tracking Unit)

ROMANIA Otopeni Airport, Bucharest	ROMATSA R.A. - Bucharest, Romania	2010	SURFACE	28	Operational
		2015	SQUID	165	Operational
ROMANIA Sibiu/Targumures Airport, Cluj Napoca	ROMATSA R.A. - Bucharest, Romania	2014	WAM + ADS-B (Extension)	13	Deployment
		2013	WAM + ADS-B (Extension)	6	Operational
		2010	WAM + ADS-B	17	Operational
RUSSIA Domodedovo International Airport	Domodedovo International Airport - Moscow	2009	SURFACE + SQUID + SYSTEM INTEGRATION	30 + 150	Operational
RUSSIA Pulkovo Airport (Saint-Petersburg)	LEMZ	2010	SURFACE + SQUID	6 + 3	Operational
RUSSIA Sochi Airport	LEMZ	2010	SURFACE + SQUID	26 + 70	Operational
SPAIN Asturias Airport	AENA (Spanish Airports and Air Navigation)	2003	SURFACE + WAM	11	Operational
SPAIN Madrid Barajas Airport	AENA (Spanish Airports and Air Navigation)	2006	SURFACE	44	Operational
		2010-2012	SQUID	127	Operational
SPAIN Palma de Mallorca Airport	AENA (Spanish Airports and Air Navigation)	2003	SURFACE	22	Operational
		2010	SQUID	4	Operational
SPAIN Santiago de Compostela Airport	AENA (Spanish Airports and Air Navigation)	2007	SURFACE + SQUID	19 + 7	Deployment
SPAIN Tenerife Norte Airport	AENA (Spanish Airports and Air Navigation)	2006	SURFACE	10	Operational
TURKEY Ankara	State Airport Authority (DHMI)	2009	SURFACE + SQUID	17+ 53	Operational
TURKEY Antalya	State Airport Authority (DHMI)	2009	SURFACE + SQUID	23 + 105	Operational
TURKEY Istanbul	State Airport Authority (DHMI)	2009	SURFACE + SQUID	22 + 105	Operational
UKRAINE Borispol	Kiev Borispol International Airport	2016	SQUID	12	Operational
UNITED KINGDOM East Midlands	Air Traffic control, East Midlands Airport	2008	WAM + ADS-B	6	Operational
UNITED KINGDOM London Heathrow Airport	NATS UK	2008-2010	SQUID	36	Operational
UNITED KINGDOM Newcastle	Newcastle International Airport	2011	WAM	8	Operational
		2011-2012	SQUID	24	Operational
UNITED KINGDOM Strumble	UK NATS (National Air Traffic Services)	2009	WAM (HMU)	5	Operational

ERA IN ASIA & MIDDLE EAST

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
AZERBAIJAN Heydar Aliyev Airport; Baku	AZANS/AZAL	2015	WAM	1	Deployment
		2010	WAM	10	Operational
		2011	SURFACE + SYSTEM INTEGRATION	18	Operational
		2012	SQUID	60	Operational
CHINA Beijing Capital Airport	China ATMB (Air Traffic Management Bureau)	2006	SURFACE	26	Operational
		2006	WAM (PRM)	7	Operational
		2007	SQUID	3	Operational
CHINA Changsha Huanghua Airport	Civil Aviation Air Traffic Management Equipment Engineering Company	2015	SURFACE (NEO)	17	Deployment
CHINA Pudong International Airport, Shanghai	East China Regional Air Traffic Management Bureau of Civil Aviation of China	2015	SURFACE (NEO)	30	Deployment
		2015	WAM (PRM)	5	Deployment
CHINA Zhengzhou Xinzheng Airport	Civil Aviation Air Traffic Management Equipment Engineering Company	2014	SURFACE (NEO)	20	Deployment
INDIA Chennai	Airports Authority of India	2008	SURFACE + SQUID	12 + 50	Operational
INDIA Kolkata	Airports Authority of India	2008	SURFACE + SQUID	13 + 50	Operational
INDIA Mumbai	Airports Authority of India	2008	SURFACE + SQUID	18 + 50	Deployment
INDONESIA Banda Aceh, Cilacap, Bangka Belitung, Tangkupan Perahu Jakarta	DGCA (Directorate General of Civil Aviation)	2008	ADS-B	4	Operational
		2008, 2012	SQUID	13	Operational
INDONESIA Jakarta - Soekarno Hatta	PT Angkasa Pura 2	2012	SURFACE + SQUID	32 + 50	Operational
IRAN Shiraz	Havaei Industry	2015	SQUID	4	Operational
ISRAEL Eilat	IAA (Israeli Airport Authority)	2014	WAM	12	Operational
JAPAN Chubu Airport, Nagoya	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2011	SURFACE (HMU)	11	Operational
JAPAN Narita Airport	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2013	WAM (PRM)	23	Operational
JAPAN Okayama	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2010	WAM (HMU)	5	Operational

ADS-B (Automatic Dependent Surveillance - Broadcast)

SQUID (Vehicle Tracking Unit)

JAPAN Osaka International Airport	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2011	SURFACE (Extension)	1	Operational
		2009	SURFACE	20	Operational
MALAYSIA Kuala Lumpur Airport	Directorate of Civil Aviation	2012	SURFACE (Extension)	18	Operational
		2007	SURFACE	26	Operational
		2007	SQUID	200	Operational
OMAN Muscat Airport	DGMAN - Directorate General of Meteorology and Air Navigation	2011	SURFACE	19	Deployment
		2012	SQUID	60	Operational
OMAN Salalah Airport	DGMAN - Directorate General of Meteorology and Air Navigation	2011	SURFACE	12	Deployment
		2012	SQUID	30	Operational
SINGAPORE Singapore Changi Airport	Civil Aviation Authority of Singapore	2012	SURFACE (Extension)	11	Operational
		2006	SURFACE	20	Operational
		2007	SQUID	134	Operational
SOUTH KOREA Incheon Airport	IIAC (Incheon International Airport Corporation)	2014	SURFACE	38	Deployment
		2012	SQUID	50	Operational
SOUTH KOREA Yangyang	Public Procurement Services - Korea	2014	WAM (NEO)	20	Deployment
SRI LANKA Colombo	Bandaranaike International Airport, Colombo, Katunayake	2015	ADS-B	5	Deployment
TAJIKISTAN Khujand International Airport	Tajikaeronavigation - Dushanbe	2012	WAM + ADS-B (Extension)	18	Operational
		2010	WAM + ADS-B	8	Operational
UNITED ARAB EMIRATES Dubai	Dubai International Airport	2014	SQUID	50	Operational
UNITED ARAB EMIRATES Fujairah	Fujairah International Airport	2011	WAM	7	Operational

ERA IN AFRICA

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
EGYPT Cairo Airport	NANSC	2010	SURFACE + ADS-B	32	Operational
		2007	SQUID	19	Operational
NAMIBIA Windhoek, Walvis Bay, Caprivi, Hosea Kutako, Eros	Namibia Directorate of Civil Aviation	2009	WAM Windhoek	36	Operational
		2010	WAM (Extension) Walvis Bay and Caprivi	11	Operational
		2012	WAM (Extension) Hosea Kutako and Eros	8	Deployment
SOUTH AFRICA Cape Town Airport	ATNS (Air Traffic and Navigational Services)	2005	WAM	6	Operational
		2005	SURFACE + SQUID	10 + 26	Operational
SOUTH AFRICA Johannesburg Airport	ATNS (Air Traffic and Navigational Services)	2007	SURFACE	24	Operational
		2008	SQUID	177	Operational

WAM (Wide Area Multilateration)
SURFACE (A-SMGCS Support)

ERA IN AUSTRALIA & PACIFIC

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
AUSTRALIA Brisbane	Oz Ground Service Equipment	2014	SQUID	11	Operational
FIJI	Airports Fiji Limited (AFL)	2008	WAM + ADS-B + SYSTEM INTEGRATION	16	Operational
NEW ZEALAND Auckland	Airways New Zealand	2007	SURFACE	10	Operational
		2008-2013	SQUID	66	Operational
NEW ZEALAND Christchurch	Airways New Zealand	2014	SQUID	14	Operational
NEW ZEALAND Queenstown	Airways New Zealand	2012	WAM + ADS-B (Extension)	7	Operational
		2007	WAM + ADS-B	15	Operational

ERA IN AMERICAS

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
CANADA Montreal	Aéroports de Montréal	2013-2016	SQUID	252	Operational
CANADA Quebec	Porter Airlines Inc.	2015	SQUID	6	Operational
CANADA Toronto	Toronto International Airport	2014	SQUID	147	Operational
CHILE Santiago de Chile	DGAC	2005, 2008,2013	SQUID	30	Operational
USA Miami	Logistic Global - Contact Group Corp.	2015	SQUID	5	Operational
USA Truckee Tahoe Airport, California	Truckee Tahoe Airport	2009	WAM	6	Operational
USA Washington	FAA	2011	SQUID	8	Evaluation

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SQUID (Vehicle Tracking Unit)



ERA SQUIDS WORLDWIDE

DESTINATION	QTY	WHEN
Amsterdam Schiphol, THE NETHERLANDS	447	2005 - 2016
Prague, CZECH REPUBLIC	164	2004 - 2015
Copenhagen, DENMARK	263	2004, 2007 - 2016
Brussel, BELGIUM	142	2012 - 2015
Ostrava, CZECH REPUBLIC	73	2008 - 2013
Krakow, POLAND	8	2007
Oslo, NORWAY	315	2007, 2011 - 2015
Dublin, IRELAND	80	2007, 2010, 2012
London, UNITED KINGDOM	36	2008, 2010
Newcastle, UNITED KINGDOM	24	2011 - 2012
Riga, LATVIA	85	2005 - 2012, 2015
Cairo, EGYPT	19	2007, 2012
Kuala Lumpur, MALAYSIA	200	2007 - 2012
Jakarta, INDONESIA	63	2008, 2012
Mumbai, Chennai, Kolkata, INDIA	150	2008
Santiago de Chile, CHILE	30	2005, 2008, 2013
Johannesburg, SOUTH AFRICA	177	2008
Cape Town, SOUTH AFRICA	26	2006
Munich, GERMANY	312	2007, 2013 - 2014
Hamburg, GERMANY	51	2012 - 2013
Frankfurt am Main, Bremen, Langen, Nurnberg, GERMANY	735	2009 - 2010, 2012 - 2015
Berlin Brandenburg, GERMANY	300	2012, 2015

DESTINATION	QTY	WHEN
Dubai, UNITED ARAB EMIRATES	50	2014
Budapest, HUNGARY	119	2006, 2009 - 2014
Tallinn, ESTONIA	57	2008, 2009 - 2014
Auckland, NEW ZEALAND	66	2008, 2011 - 2014
Istanbul, Ankara, Antalya, TURKEY	263	2009
Sochi, RUSSIA	70	2010
Domodedovo, RUSSIA	150	2009
Madrid, SPAIN	127	2010 - 2012, 2015
Helsinki, FINLAND	180	2010 - 2011, 2014
Washington (FAA), USA	8	2011
Muscat, OMAN	60	2012
Salalah, OMAN	30	2012
Singapore, SINGAPORE	134	2007, 2014-2015
Baku, AZERBAIJAN	60	2012
Montreal, CANADA	252	2013 - 2016
Toronto, CANADA	147	2014 - 2015
Incheon, SOUTH KOREA	50	2014 - 2015

TOTAL 5690*

*) The sum is only approximate, since the table does not contain many small deliveries worldwide.