



# REFERENCES



## ERA IN EUROPE

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>ARMENIA</b> Gyumri Airport	ARMATS (Armenian Air Traffic Service)	2014	WAM (Extension)	6	Operational
		2004	WAM	5	Operational
		2017	WAM	Upgrade	Operational
<b>ARMENIA</b> Yerevan Airport	ARMATS (Armenian Air Traffic Service)	2014	WAM (Extension)	6	Operational
		2004	WAM	6	Operational
<b>AUSTRIA</b> Salzburg	Salzburger Flughafen GmbH	2016	SQUID	50	Operational
<b>BELGIUM</b> Brussel	Belgocontrol	2012-2016	SQUID	152	Operational
<b>BULGARIA</b> Sofia	Bulgarian Air Traffic Services Authority	2017	WAM	22	Deployment
		2012	SURFACE	13	Operational
<b>CZECH REPUBLIC</b> Brno Airport	ANS of the Czech Republic	2008	WAM	7	Operational
<b>CZECH REPUBLIC</b> 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
<b>CZECH REPUBLIC</b> Ostrava Mosnov Airport	ANS of the Czech Republic	2008	WAM (Upgrade) + SURFACE	2 + 4	Operational
		2001	WAM	5	Operational
		2008-2011	SQUID	73	Operational
<b>CZECH REPUBLIC</b> 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
		2004-2017	SQUID	212	Operational
<b>DENMARK</b> Copenhagen Airport	Copenhagen Airports	2016	SURFACE (Extensions)	1	Operational
		2014	SURFACE (Extensions)	4	Operational
		2009-2013	SURFACE (Extensions)	5	Operational
		2003	SURFACE	18	Operational
		2004-2017	SQUID	283	Operational
<b>ESTONIA</b> Tallinn Airport	Estonian Air Navigation Services (EANS)	2017	SURFACE (Extensions)	2	Deployment
		2008, 2009-2017	SURFACE + SQUID	16 + 70	Operational

WAM (Wide Area Multilateration)

SURFACE (A-SMGCS Support)

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LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>FINLAND</b> Helsinki	Finavia	2010-2011, 2014-2016	SQUID	205	Operational
<b>GEORGIA</b> Tbilisi	Sakaeronavigatsia	2017	Dual ADS-B ground station	4	Deployment
<b>GERMANY</b> Berlin Brandenburg International Airport	DFS Deutsche Flugsicherung	2017	WAM	Upgrade	Deployment
		2010	SURFACE	43	Operational
		2009,2012, 2015	SQUID	302	Operational
<b>GERMANY</b> Braunschweig Airport	DFS Deutsche Flugsicherung	2011	SURFACE + WAM	1 + 1	Operational
		2005	SURFACE	Upgrade	Operational
		2000	SURFACE	8	Operational
<b>GERMANY</b> Düsseldorf	DFS Deutsche Flugsicherung GmbH	2014	SURFACE (NEO)	31	Operational
		2017	SQUID	120	Operational
<b>GERMANY</b> Hamburg Airport	DFS Deutsche Flugsicherung GmbH	2007	SURFACE	21	Operational
		2012 -2013	SQUID	51	Operational
<b>GERMANY</b> Munich International Airport	DFS Deutsche Flugsicherung FMG Flughafen Muenchen	2012	SURFACE (Extension)	8	Operational
		2006, 2017	SURFACE + SQUID	32 + 321	Operational
<b>GERMANY</b> Köln/Bonn	DFS Deutsche Flugsicherung GmbH	2016	SURFACE (NEO)	36	Deployment
<b>GERMANY</b> Frankfurt am Main, Bremen, Langen, Nurnberg	DFS Deutsche Flugsicherung	2008-2017	SQUID	767	Operational
<b>GREECE</b> Thessaloniki "Macedonia" Airport	Hellenic Civil Aviation Authority	2010	SURFACE	11	Operational
<b>HUNGARY</b> Budapest Ferihegy Airport	HungaroControl	2014	SURFACE	Upgrade	Operational
		2006	SURFACE	28	Operational
		2006-2011	SQUID	119	Operational
<b>IRELAND</b> Dublin Airport	Irish Aviation Authority	2007,2010, 2012, 2017	SURFACE + SQUID	21 + 98	Operational
		2010	SURFACE (Extension)	4	Operational
<b>ITALY</b> Torino	Vitrociset Stabilimento Tiburtina	2017	SURFACE	14	Deployment
<b>LATVIA</b> Riga Airport	Latvijas Gaisa Satiksme (LGS), International Airport Riga	2007	WAM	6	Operational
		2016	SURFACE (Extension)	13	Operational
		2005	SURFACE	9	Operational
		2006-2012	SQUID	89	Operational
<b>MOLDOVA</b> Chisinau	Moldavian Air Traffic Services Authority (MoldATSA)	2014	SURFACE (NEO)	11	Operational
		2014	WAM (NEO)	15	Operational
<b>THE NETHERLANDS</b> Amsterdam	Amsterdam Schiphol Airport	2005-2013, 2017	SQUID	456	Operational

ADS-B (Automatic Dependent Surveillance - Broadcast)

SQUID (Vehicle Tracking Unit)

## ERA IN EUROPE

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>THE NETHERLANDS</b> North Sea	Luchtverkeersleiding Nederland	2007	WAM	20	Operational
		2014	SQUID	3	Operational
<b>NORWAY</b> Oslo Airport	LUFTHAVN	2017	SURFACE	Upgrade	Operational
		2015	SURFACE	Upgrade	Operational
		2012	SURFACE (Extension)	1	Operational
		2007	SURFACE	25	Operational
		2007-2015, 2017	SQUID	362	Operational
<b>POLAND</b> Krakow Airport	Krakow Airport	2007	SQUID	8	Operational
<b>PORTUGAL</b> Azores	NAV Portugal E.P.E. - Lisboa, Portugal	2009	WAM + ADS-B	11	Operational
		2013	WAM + ADS-B (Extension)	6	Operational
<b>PORTUGAL</b> Lisabon	ANA - Aeroportos de Portugal, S.A.	2017	SQUID	73	Operational
<b>ROMANIA</b> Otopeni Airport, Bucharest	ROMATSA R.A. - Bucharest, Romania	2010	SURFACE	28	Operational
		2015	SQUID	165	Operational
<b>ROMANIA</b> Sibiu/Targumures Airport, Cluj Napoca	ROMATSA R.A. - Bucharest, Romania	2014	WAM + ADS-B (Extension)	13	Operational
		2013	WAM + ADS-B (Extension)	6	Operational
		2010	WAM + ADS-B	17	Operational
<b>RUSSIA</b> Domodedovo International Airport	Domodedovo International Airport - Moscow	2017	SURFACE	Upgrade	Deployment
		2009	SURFACE + SQUID + SYSTEM INTEGRATION	30 + 150	Operational
<b>RUSSIA</b> Pulkovo Airport (Saint-Petersburg)	LEMZ	2010	SURFACE + SQUID	6 + 3	Operational
<b>RUSSIA</b> Sochi Airport	LEMZ	2010	SURFACE + SQUID	26 + 70	Operational
<b>SPAIN</b> Asturias Airport	AENA (Spanish Airports and Air Navigation)	2017	SURFACE	Upgrade	Deployment
		2003	SURFACE + WAM	11	Operational
<b>SPAIN</b> Madrid Barajas Airport	AENA (Spanish Airports and Air Navigation)	2006	SURFACE	44	Operational
		2010-2017	SQUID	131	Operational
<b>SPAIN</b> Palma de Mallorca Airport	AENA (Spanish Airports and Air Navigation)	2003	SURFACE	22	Operational
		2010	SQUID	4	Operational
<b>SPAIN</b> Santiago de Compostela Airport	AENA (Spanish Airports and Air Navigation)	2007	SURFACE + SQUID	19 + 7	Deployment
<b>SPAIN</b> Tenerife Norte Airport	AENA (Spanish Airports and Air Navigation)	2014	SURFACE (Upgrade)	2	Operational
		2006	SURFACE	10	Operational
<b>TURKEY</b> Ankara	State Airport Authority (DHMI)	2009	SURFACE + SQUID	17+ 53	Operational

WAM (Wide Area Multilateration)

SURFACE (A-SMGCS Support)

## ERA IN EUROPE

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>TURKEY</b> Antalya	State Airport Authority (DHMI)	2009	SURFACE + SQUID	23 + 105	Operational
<b>TURKEY</b> Istanbul	State Airport Authority (DHMI)	2009	SURFACE + SQUID	22 + 105	Operational
<b>UKRAINE</b> Borispol	Kiev Borispol International Airport	2016	SQUID	12	Operational
<b>UNITED KINGDOM</b> Birmingham	BAL - Birmingham Airport	2016	SURFACE + SQUID	16 + 30	Deployment
<b>UNITED KINGDOM</b> East Midlands	Air Traffic control, East Midlands Airport	2008	WAM + ADS-B	6	Operational
<b>UNITED KINGDOM</b> Edinburg	NATS ltd	2017	SQUID	33	Operational
<b>UNITED KINGDOM</b> Gatwick	Andrew Page 1917	2017	SQUID	27	Operational
<b>UNITED KINGDOM</b> London Heathrow Airport	NATS UK	2008-2010	SQUID	36	Operational
<b>UNITED KINGDOM</b> Newcastle	Newcastle International Airport	2011	WAM	8	Operational
		2011-2012	SQUID	24	Operational
<b>UNITED KINGDOM</b> Strumble	UK NATS (National Air Traffic Services)	2009	WAM (HMU)	5	Operational

## ERA IN AFRICA

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>EGYPT</b> Cairo Airport	NANSC	2016	SURFACE (Extension)	6	Operational
		2010	SURFACE + ADS-B	32	Operational
		2007	SQUID	19	Operational
<b>NAMIBIA</b> 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	Operational
<b>SOUTH AFRICA</b> Cape Town Airport	ATNS (Air Traffic and Navigational Services)	2005	WAM	6	Operational
		2005	SURFACE + SQUID	10 + 26	Operational
<b>SOUTH AFRICA</b> Johannesburg Airport	ATNS (Air Traffic and Navigational Services)	2007	SURFACE	24	Operational
		2008	SQUID	177	Operational

ADS-B (Automatic Dependent Surveillance - Broadcast)

SQUID (Vehicle Tracking Unit)

## ERA IN ASIA & MIDDLE EAST

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>AZERBAIJAN</b> Heydar Aliyev Airport; Baku	AZANS/AZAL	2015	WAM	1	Operational
		2010	WAM	10	Operational
		2011	SURFACE + SYSTEM INTEGRATION	18	Operational
		2012	SQUID	60	Operational
<b>CHINA</b> Beijing Capital Airport	China ATMB (Air Traffic Management Bureau)	2017	SURFACE	46	Deployment
		2006	SURFACE	26	Operational
		2006	WAM (PRM)	7	Operational
		2007	SQUID	3	Operational
<b>CHINA</b> Changsha Huanghua Airport	Civil Aviation Air Traffic Management Equipment Engineering Company	2015	SURFACE (NEO)	17	Operational
<b>CHINA</b> 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
<b>CHINA</b> Zhengzhou Xinzheng Airport	Civil Aviation Air Traffic Management Equipment Engineering Company	2014	SURFACE (NEO)	20	Deployment
<b>INDIA</b> Chennai	Airports Authority of India	2008	SURFACE + SQUID	12 + 50	Operational
<b>INDIA</b> Kolkata	Airports Authority of India	2008	SURFACE + SQUID	13 + 50	Operational
<b>INDIA</b> Mumbai	Airports Authority of India	2008	SURFACE + SQUID	18 + 50	Operational
<b>INDONESIA</b> Banda Aceh, Cilacap, Bangka Belitung, Tangkupan Perahu	DGCA (Directorate General of Civil Aviation)	2008	ADS-B	4	Operational
<b>INDONESIA</b> Jakarta - Soekarno Hatta	PT Angkasa Pura 2	2012	SURFACE	32	Operational
		2008, 2012, 2016	SQUID	213	Operational
<b>INDONESIA</b> Medan	ATKP Medan	2015	ADS-B	1	Operational
		2016	WAM	4	Operational
<b>IRAN</b> Shiraz	Havaei Industry	2014	ADS-B	1	Operational
		2015	SQUID	4	Operational
<b>IRAQ</b> Najaf	Najaf Airport Administration	2016	WAM	5	Operational
<b>IRAQ</b> Sulayimaniyah	WAYPOINT Sulaymaniyah Kurdistan	2017	WAM	7	Deployment
<b>ISRAEL</b> Eilat	IAA (Israeli Airport Authority)	2014	WAM	12	Operational
<b>JAPAN</b> Chubu Airport, Nagoya	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2011	SURFACE (HMU)	11	Operational

WAM (Wide Area Multilateration)

SURFACE (A-SMGCS Support)

## ERA IN ASIA & MIDDLE EAST

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>JAPAN</b> Narita Airport	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2013	WAM (PRM)	23	Operational
<b>JAPAN</b> Okayama	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2010	WAM (HMU)	5	Operational
<b>JAPAN</b> Osaka International Airport	End user - JCAB Prime contractor - TOSHIBA ERA as subcontractor to TOSHIBA	2011	SURFACE (Extension)	1	Operational
		2009	SURFACE	20	Operational
<b>KYRGYSTAN</b> Osh	Kyrgys Airnavigatia	2017	WAM	9	Deployment
<b>MALAYSIA</b> Kuala Lumpur Airport	Directorate of Civil Aviation	2012	SURFACE (Extension)	18	Operational
		2007	SURFACE	26	Operational
		2007	SQUID	200	Operational
<b>MONGOLIA</b> Ulaanbaatar Airport	ACH Holding LLC	2016	SURFACE + SQUID	12 + 50	Operational
<b>OMAN</b> Muscat Airport	DGMAN - Directorate General of Meteorology and Air Navigation	2011	SURFACE	19	Operational
		2012	SQUID	60	Operational
<b>OMAN</b> Salalah Airport	DGMAN - Directorate General of Meteorology and Air Navigation	2011	SURFACE	12	Deployment
		2012	SQUID	30	Operational
<b>PAKISTAN</b> Lahore	Airport Lahore	2016	SURFACE + SQUID	15 + 10	Operational
<b>SINGAPORE</b> Singapore Changi Airport	Civil Aviation Authority of Singapore	2016	SURFACE (Extension)	6	Operational
		2012	SURFACE (Extension)	11	Operational
		2006	SURFACE	20	Operational
		2007, 2014-2017	SQUID	138	Operational
<b>SOUTH KOREA</b> Incheon Airport	IIAC (Incheon International Airport Corporation)	2014	SURFACE	38	Operational
		2012	SQUID	50	Operational
<b>SOUTH KOREA</b> Yangyang	Public Procurement Services - Korea	2014	WAM (NEO)	20	Deployment
<b>SRI LANKA</b> Colombo	Bandaranaike International Airport, Colombo, Katunayake	2015	ADS-B	5	Operational
<b>TAJIKISTAN</b> Khujand International Airport	Tajikaeronavigation - Dushanbe	2012	WAM + ADS-B (Extension)	18	Operational
		2010	WAM + ADS-B	8	Operational
<b>UNITED ARAB EMIRATES</b> Abu Dhabi	Abu Dhabi International Airport	2017	WAM	41	Deployment
		2017	SURFACE	6	Deployment
<b>UNITED ARAB EMIRATES</b> Dubai	Dubai International Airport	2014-2017	SQUID	60	Operational
<b>UNITED ARAB EMIRATES</b> Fujairah	Fujairah International Airport	2011	WAM	7	Operational

ADS-B (Automatic Dependent Surveillance - Broadcast)

SQUID (Vehicle Tracking Unit)

## ERA IN AUSTRALIA & PACIFIC

LOCATION	CUSTOMER	SIGNED	DELIVERED SOLUTIONS	GS/SQUID	STATUS
<b>AUSTRALIA</b> Brisbane	Oz Ground Service Equipment	2014,2017	SQUID	14	Operational
<b>FIJI</b>	Airports Fiji Limited (AFL)	2008	WAM + ADS-B + SYSTEM INTEGRATION	16	Operational
<b>NEW ZEALAND</b> Auckland	Airways New Zealand	2007	SURFACE	10	Operational
		2008-2017	SQUID	86	Operational
<b>NEW ZEALAND</b> Christchurch	Airways New Zealand	2014	SQUID	24	Operational
<b>NEW ZEALAND</b> 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
<b>CANADA</b> Montreal	Aéroports de Montréal	2013-2017	SQUID	328	Operational
<b>CANADA</b> Quebec	Porter Airlines Inc.	2015	SQUID	6	Operational
<b>CANADA</b> Toronto	Toronto International Airport	2014	SQUID	147	Operational
<b>CHILE</b> Santiago de Chile	DGAC	2005, 2008,2013	SQUID	31	Operational
<b>USA</b> Miami	Logistic Global - Contact Group Corp.	2015	SQUID	5	Operational
<b>USA</b> Truckee Tahoe Airport, California	Truckee Tahoe Airport	2009	WAM	6	Operational
<b>USA</b> Washington	FAA	2011	SQUID	8	Evaluation

## ERA SQUIDS WORLDWIDE - IN TOTAL 6 568 PCS