

## ETA Srl

### References

ETA Srl has developed turnkey systems with full hardware, software engineering and production of automation cabinet systems up to final acceptance test (FAT), and undertook commissioning activities up to Site Acceptance Test (SAT) for the following industries:

#### Power Generation

<u>YEAR</u>	<u>ACTIVITY</u>	<u>SYSTEM</u>	<u>CUSTOMER</u>	<u>SITE</u>
2014	Professional Service	Survey & corrective maintenance EMERSON AC800 integration	ABB PS	Italy
2013	Professional Service	S+ Supervisory Symphony Plus	ABB Korea	South Korea
2013	Engineering	HMI display	THE ISRAEL ELECTRIC CORPORATION	Orot-Rabin (Israel)
2013	Training	Symphony Plus Training Course Symphony	ABB Korea	South Korea
2013	Engineering	Demo system S+/Freelance	ABB PS	Italy
2013	Training	O&M Manual PGP/Symphony Composer	MARAFIQ	Yanbu (Saudi Arabia)
2013	Commissioning	Technical activities	ABB UK	UK
2013	Engineering & Training	Training manual & Training Course PGP/Symphony Composer	MARAFIQ	Yanbu (Saudi Arabia)
2013	Engineering	Demonstrative system S+/Harmony/AC800F	ABB PS	Italy
2013	Engineering	Check configuration software with turbine simulator KAPLAN	ABB PS	Tekapo
2012	Engineering	HILAL B Platform Redevelopment Project (SCHNEIDER Quantum SIL3 PLC)	BREDA ENERGIA	Egypt
2012	Engineering	Utility Server/ Composer Utility PGP/Symphony Composer	MARAFIQ	Yanbu (Saudi Arabia)

## ETA Srl

Registered office - Via E.Fico, 88 - 16039 Sestri Levante (GE) Italy - Tel/Fax (+39) 0185 459150

Headquarters - Via C.Rossi, 1A/2 - 16154 Genova (GE) Italy - Tel/Fax (+39) 010 8602604/9737

Workshop - Via Po, 15 - 27050 Casale Gerola (PV) Italy - Tel/Fax (+39) 010 8602604/9737

www.etasrl.co

info@etasrl.co

VAT IT01323730992 - REA GE-400869 - Paid-up capital 10.000 euro

<b>YEAR</b>	<b>ACTIVITY</b>	<b>SYSTEM</b>	<b>CUSTOMER</b>	<b>SITE</b>
2012	Engineering	Heavy Fuel Oil INFI90/PGP	MARAFIQ	Yanbu (Saudi Arabia)
2012	Engineering	Migration HMI from OIS20 to Symphony +	ENEL	Trino V. (Italy)
2012	Engineering	Migration HMI from Tenore to S+	A2A	Brescia (Italy)
2012	Engineering & Commissioning	ST Control System AC800M	FRACO TOSI	Fos Sur Mer (France)
2011	Engineering & Commissioning	STCS (AC800M / PGP)	ABB / E.D.E.P.Co	Damietta (Egypt)
2011	Engineering	STCS (infi90/PGP) TPP	ASI	Zimbabwe
2011	Engineering & Commissioning	HMI for BMS system (PGP)	IEC	Israel
2010	Engineering, System Integration & Commissioning	INFI90 – rain water management system	ABB PA / Polimeri Europa	Ravenna (Italy)
2010	Engineering	Migration HMI from Maestro UX to 800xA	TERMINCA	Celano (Italy)
2009	Engineering & Commissioning	Load control logic for SAPP system (INFI90/Tenore)	ENIPOWER	Italy
2009	Engineering & Commissioning	Auxiliary Change Over Control (INFI90/PGP) HPP	SALINI	Sierra Leone
2009	Engineering & Commissioning	STCS (INFI90/PGP) TPP	EDIPOWER	Morocco
2009	Engineering & Commissioning	STCS restart (INFI90/OIS) TPP	FRANCOTOSI	Australia
2009	Engineering & Commissioning	Turbogas unit 2 (INFI90/PCV)	ANSALDO	Ghana
2009	Engineering & Commissioning	Power Production Management (INFI90/PGP) TPP	ENIPOWER	Italy
2009	Engineering	Analysis, sizing and documentation for STCS CCPP	MDEPC	Ei Atf (Egypt)
2009	Engineering	Analysis, sizing and documentation for STCS CCPP	WDEPC	Sidi Kirir (Egypt)
2009	Engineering & Commissioning	STCS System and HART communication Cornerstone CCPP	ENEL VIESGO	Puente Nuevo (Spain)
2008	Commissioning	Instrumental analysis on PROFIBUS for troubleshooting	ABB	Italy
2008	Engineering & Commissioning	Redundant control for turbine actuators UTAC03 TPP	ABB R&D	Switzerland
2008	Engineering & Commissioning	Production Plans Management SAPP (AC800F/PGP) TPP	ACEA	Electrabel (Italy)
2008	Engineering	GTCMPS (INFI90/PGP) IPP	ENI	Congo

### ETA Srl

Registered office - Via E.Fico, 88 - 16039 Sestri Levante (GE) Italy - Tel/Fax (+39) 0185 459150

Headquarters - Via C.Rossi, 1A/2 - 16154 Genova (GE) Italy - Tel/Fax (+39) 010 8602604/9737

Workshop - Via Po, 15 - 27050 Casale Gerola (PV) Italy - Tel/Fax (+39) 010 8602604/9737

www.etasrl.co

info@etasrl.co

VAT IT01323730992 - REA GE-400869 - Paid-up capital 10.000 euro

<b>YEAR</b>	<b>ACTIVITY</b>	<b>SYSTEM</b>	<b>CUSTOMER</b>	<b>SITE</b>
2008	Engineering & Commissioning	Production Plans Management (INFI90/PGP)	A2A	Italy
2008	Engineering & Commissioning	SME (AC31/Tenore 2.0)	EON TPP	Fiumesanto (Italy)
2008	Engineering	GTCMPS (INFI90/PGP)	FORTUM POWER AND HEAT OY	Sumenoja (Sweden)
2008	Engineering	Migration SDS thermic groups 800xA	SARAS	Cagliari (Italy)
2008	Training	PGIM Training course Historic Archivation with 800xA	ABB	Milano (Italy)
2008	Engineering & Commissioning	HW/SW Control System for Pressure Swing Adsorption Melody CMC70 Refinery	SARAS	Cagliari (Italy)
2008	Engineering & Commissioning	Revamping STCS from Siemens/Jaquet/Bently Nevada to INFI90 CCPP	EDISON	Porcari (Italy)
2008	Engineering & Commissioning	Alarm System Optimization AC800F/Tenore 2.0	EDISON	Tavazzano (Italy)
2008	Engineering	Analysis, sizing and documentation for STCS CCPP	ENEL VIESGO	Algeiras (Spain)
2008	Engineering & Commissioning	Supervision refitting ESG - UTAC02/INFI90	IEC – EWS	Honam (South Korea)
2007	SW Engineering	AQMS NT Arch (PGP)	ENEL	Piombino (Italy)
2007	Engineering & Commissioning	Power Production Plan Manager “RACIM” (AC800F/Tenore 2.0) CCPP	EDISON	Marghera (Italy)
2007	Engineering & Commissioning	Migration from OIS20/40 to PGP 3.2 CCPP	WDEPC	Damanhour (Egypt)
2007	Engineering & Commissioning	Revamping from OIS20/40 to PGP 3.2	IEC	Israel
2007	Engineering & Commissioning	HW/SW “Load optimization” AC800F/Tenore 2.0 CCPP	ENEL	La Casella (Italy)
2007	Engineering & Commissioning	Supervision refitting ESG - UTAC02/INFI90	IEC	Honam (South Korea)
2006	Engineering & Commissioning	Migration from Tenore 1.5 to Tenore 2.0 CCPP groups 3 e 4	ENEL	Fusina (Italy)
2006	Engineering & Commissioning	Migration from Tenore 1.5 to Tenore 2.0 CCPP groups 3 and 4	ENEL	Porto Corsini (Italy)
2006	Engineering & Commissioning	Refitting ESG - UTAC02/INFI90	IEC – KEPCO	Yong Dong (South Korea)

### ETA Srl

Registered office - Via E.Fico, 88 - 16039 Sestri Levante (GE) Italy - Tel/Fax (+39) 0185 459150

Headquarters - Via C.Rossi, 1A/2 - 16154 Genova (GE) Italy - Tel/Fax (+39) 010 8602604/9737

Workshop - Via Po, 15 - 27050 Casale Gerola (PV) Italy - Tel/Fax (+39) 010 8602604/9737

www.etasrl.co

info@etasrl.co

VAT IT01323730992 - REA GE-400869 - Paid-up capital 10.000 euro

<u>YEAR</u>	<u>ACTIVITY</u>	<u>SYSTEM</u>	<u>CUSTOMER</u>	<u>SITE</u>
2006	Engineering & Commissioning	DEHC (INFI90/UTAC) group 3 TPP	ENEL	Sulcis (Italy)
2005	Commissioning	INFI90/AC800F Power Production Plans	ENEL	Italy
2005	Commissioning	UP02/Tenore 2.0	RFI	Arma di Taggia (Italy)
2004	Engineering & Commissioning	HMI migration from OIS40 to Tenore 2.0	EDF	Le Havre (France)
2004	Commissioning	Control System for Energy distribution - ABB RTU 560	AMAIE	Sanremo (Italy)
2003	Engineering & Commissioning	INFI90/Tenore 2.0 installation of a new 10 KV HPP panel	SELEDISON	Glorenza (Italy)
2003	Engineering & Commissioning	Control and supervision SCADA System Tenore / RTU SELTA HPP	CVA	Italy
1998	Commissioning	Cogeneration Power Plant Tecnocity	AEM	Milano (Italy)
1998	Engineering & Commissioning	INFI90 BMS (Burning Management System) group 2 TPP	ENEL	Priolo Gargallo (Italy)
1997	Engineering & Commissioning	INFI90 BMS (Burning Management System) c/o unit 1	ENEL	Priolo Gargallo (Italy)
1997	Commissioning	Electrostatic precipitator c/o TPP	AEM	Cassano D'Adda (Italy)
1996	Commissioning	Desox c/o unit 4 TPP	ENEL	Brindisi (Italy)
1996	Commissioning	INFI90 BMS (Burning Management System) c/o unit 3 TPP	ENEL	Turbigo (Italy)



<u>YEAR</u>	<u>ACTIVITY</u>	<u>SYSTEM</u>	<u>CUSTOMER</u>	<u>SITE</u>
2013	Procurement	Preformed cables	SINELEC	Italy
1999	FAT and commissioning	FSM (Flat Sorter Machine) for Mail Center	ABB	South Korea

### ETA Srl

Registered office - Via E.Fico, 88 - 16039 Sestri Levante (GE) Italy - Tel/Fax (+39) 0185 459150

Headquarters - Via C.Rossi, 1A/2 - 16154 Genova (GE) Italy - Tel/Fax (+39) 010 8602604/9737

Workshop - Via Po, 15 - 27050 Casale Gerola (PV) Italy - Tel/Fax (+39) 010 8602604/9737

www.etasrl.co

info@etasrl.co

VAT IT01323730992 - REA GE-400869 - Paid-up capital 10.000 euro

 **Naval**

<b>YEAR</b>	<b>ACTIVITY</b>	<b>SYSTEM</b>	<b>CUSTOMER</b>	<b>SITE</b>
2014	Engineering & Professional Service	Revamping and Communication Check of PLC Pools (AC500 & AC31)	COSTA CROCIERE	Ship COSTA MEDITERRANEA
2014	Procurement	PLC LOGO	COSTA CROCIERE	Ship COSTA SERENA
2014	Engineering & Professional Service	Communication and logics check of pools	COSTA CROCIERE	Ship COSTA MEDITERRANEA
2013	Procurement	PLC TSX Micro	COSTA CROCIERE	Italy
2013	Engineering	Analysis and Test of SW and logic blocks modification PLC AC31	COSTA CROCIERE	Ship COSTA MEDITERRANEA
2013	Engineering	Operator Panels and Interface converter	COSTA CROCIERE	Ship COSTA ATLANTICA
2013	Professional Service	Osmosis-Pools-Sewerage	COSTA CROCIERE	Ship COSTA ATLANTICA (Dubai)
2013	Professional Service	Osmosis-Pools-Sewerage	COSTA CROCIERE	Ship COSTA MEDITERRANEA
2011	Engineering & Commissioning	Aux Boiler (SIEMENS Logo)	COSTA CROCIERE	Italy
2010	Engineering & Commissioning	800xA	ABB MARINE	Ship Otso (Finland)
2009	Professional Service	800xA	ABB MARINE	Ship COSTA ALLEGRA (Singapore)
2009	Professional Service		ABB MARINE	Morocco
2009	Professional Service	800xA	ABB MARINE	Japan
2009	Professional Service	AC800F	ABB MARINE	China

**ETA Srl**

## Oil&Gas

<u>YEAR</u>	<u>ACTIVITY</u>	<u>SYSTEM</u>	<u>CUSTOMER</u>	<u>SITE</u>
2014	Professional Service	HIPPS cabinet maintenance HIMA	BREDA ENERGIA/PETROFAC	Iraq
2013	Engineering, Production & Commissioning	HIPPS Systems for Badra Oil Field (HIMA H41 SIL3 PLC)	BREDA ENERGIA	Iraq
2010	Engineering & System integration	HIMA Planar4 HIPPS	BREDA ENERGIA	Iran
2010	Engineering & Commissioning	DCS Control System – PSD/ESD (INFI90/AC800M)	ENI-PETROBEL	Offshore Egypt
2009	Engineering & Commissioning	DCS Control System – PSD/ESD (INFI90/AC800M)	ENI-PETROBEL	Onshore Egypt

## Renewable

<u>YEAR</u>	<u>ACTIVITY</u>	<u>SYSTEM</u>	<u>CUSTOMER</u>	<u>SITE</u>
2013	Engineering	Automation and Control switchboard	FRANCO TOSI	Inga (Congo)
2013	Training & Commissioning	HPP AC800M	FRANCO TOSI	Inga (Congo)
2010	Engineering & Commissioning	Standardization of control and regulation logic AC800M / PGP PdP ATTPIA c/o HPP	ENEL IDRO	Italy
2009	Engineering & Commissioning	AC800M / PGP Power production Management ATTPIA c/o HPP	ENEL IDRO	Italy
2008	Engineering & Commissioning	AC800M / PGP Production Plans Management HPP	ENEL IDRO	Italy

Besides the above mentioned engineering, construction and commissioning activities, ETA Srl undertakes a capillary and massive professional service activity, involving annual maintenance contracts, service availability 24/24 7/7 and remote assistance both in Italy and abroad.

**ETA Srl**

Alessio Bertazzi  
(General Manager)

## ETA Srl

Registered office - Via E.Fico, 88 - 16039 Sestri Levante (GE) Italy - Tel/Fax (+39) 0185 459150

Headquarters - Via C.Rossi, 1A/2 - 16154 Genova (GE) Italy - Tel/Fax (+39) 010 8602604/9737

Workshop - Via Po, 15 - 27050 Casale Gerola (PV) Italy - Tel/Fax (+39) 010 8602604/9737

www.etasrl.co

info@etasrl.co

VAT IT01323730992 - REA GE-400869 - Paid-up capital 10.000 euro