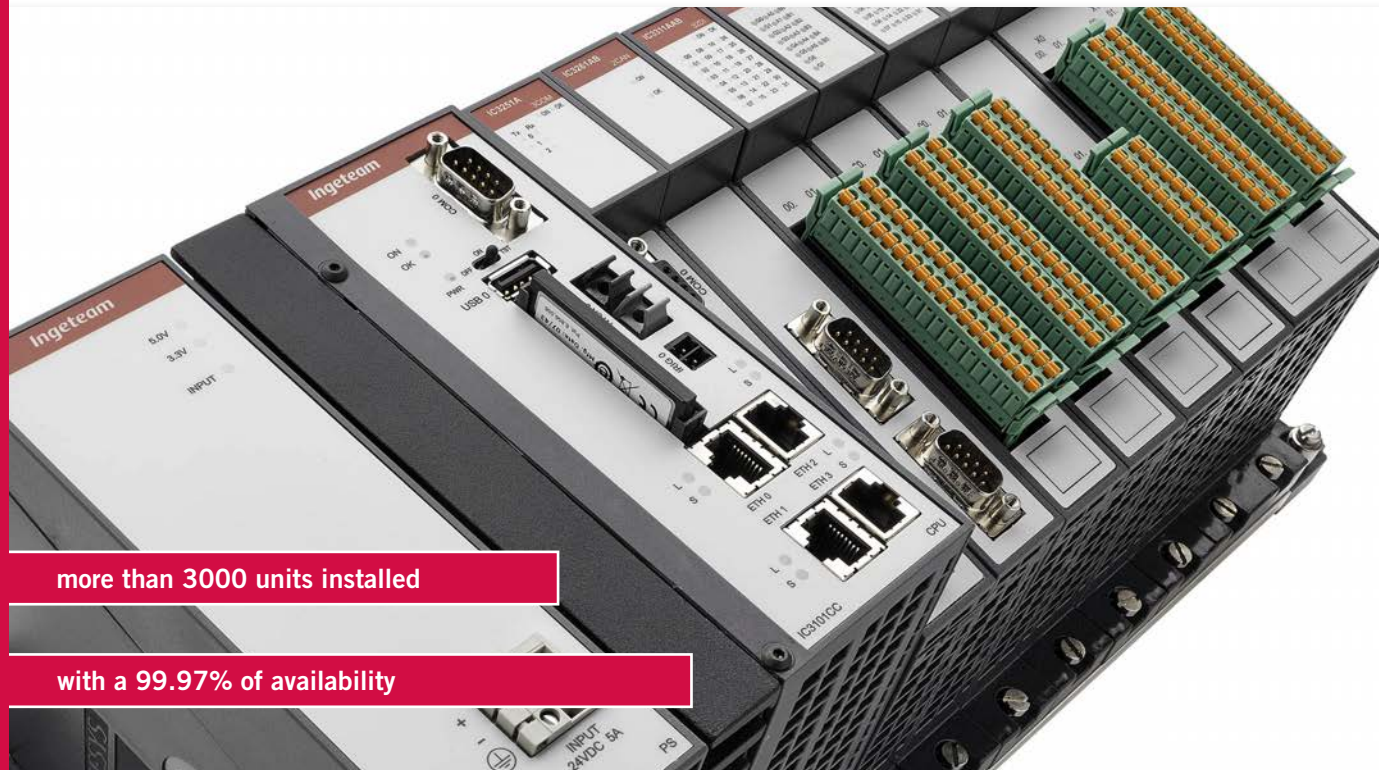


INGESYS® IC3 References :: Advanced Control Systems



more than 3000 units installed

with a 99.97% of availability

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 **Energy**

Start of Supply	Application	Final Customer	Country
2015	Wind Test Bench	WINDBOX	Spain
2013	Power Control Solar Power Plant	ACCIONA ENERGIA	France
2013	Power Control Solar Power Plant	ACCIONA ENERGIA	Australia
2013	Power Control Solar Power Plant	ACCIONA ENERGIA	Italy
2011	V47 Wind Turbine Controller	GAMESA	Spain
2011	MHI Wind Turbine Controller	Mitsubishi Heavy Industries, Ltd.	Japan
2009	G47 wind turbine controller	GAMESA	Spain
2009	G47 wind turbine controller	ACCIONA	Spain
2009	Reactive Control for WindFarm	ACCIONA	Spain
2009	Biomass Control Installation	ACCIONA	Spain
2008	Wind turbine Data logger	SCOTISH POWER	UK



 **Hydro**

Start of Supply	Application	Final Customer	Country
2013	Hydro Power Plant CASTIELLO	ENDESA GENERACION	Spain
2013	Hydro Power Plant JACA	ENDESA GENERACION	Spain
2013	Hydro Power Plant VILLAGONZALO	IBERDROLA	Spain
2012	Hydro Power Plant APULO	INDAR	Colombia
2012	Hydro Power Plant IZBOR	ENDESA GENERACION	Spain
2011	Vara Blanca Hydro Power Plant	GILBERT GILKES &	Costa Rica
2011	Hydro Power Plant CORCHADO	ENDESA GENERACION	Spain
2011	Hydro Power Plant VILAFRANCA	ENDESA GENERACION	Spain
2011	Hydro Power Plant ALCALÁ DEL RÍO	ENDESA GENERACION	Spain
2010	RTU por Hydro Power Plant (CH Casas del Monte)	EOSA Energia	Spain
2010	Telecontrol Solution for hydro application	Mancomunidad de la Comarca de Pamplona	Spain
2010	Control for Hydro Power Plant based on IEC 61850 communications (CH San Miguel del Pino y San Vicente de la Sonsierra)	IBERDROLA	Spain
2008	Mini-Hydro Power Plant	Ayuntamiento de Bilbao	Spain



 **Power Grid**

Start of Supply	Application	Final Customer	Country
2015	Frequency Control	ENDESA	Spain
2015	FAT	REE	Spain
2015	Lythium Battery storage & PV control	AKUO ENERGY	Argentina
2015	Lythium Battery storage & PV control	ALINEA SOLAR	Spain
2015	Lythium Battery storage & PV control	JRC-IET	Italy
2015	Statcom 10MVAr	SPR	Scotland
2015	Statcom 10MVAr	SPR	Scotland

 **Industry**

Start of Supply	Application	Final Customer	Country
2014	Industrial machinery	GRUPO DANOBAT	Spain
2010	Cicloconverter Control	Arkansas Steel Associates (ASA)	USA
2010	Offshore Compressed Stations for instrumentation	N.I.O.P.D.C	Iran

 **Railway**

Start of Supply	Application	Final Customer	Country
2013	TCS Railway	PESA	Poland
2012	TCS Railway	PESA	Poland
2008	Railroad Crossing System	FEVE	Spain

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