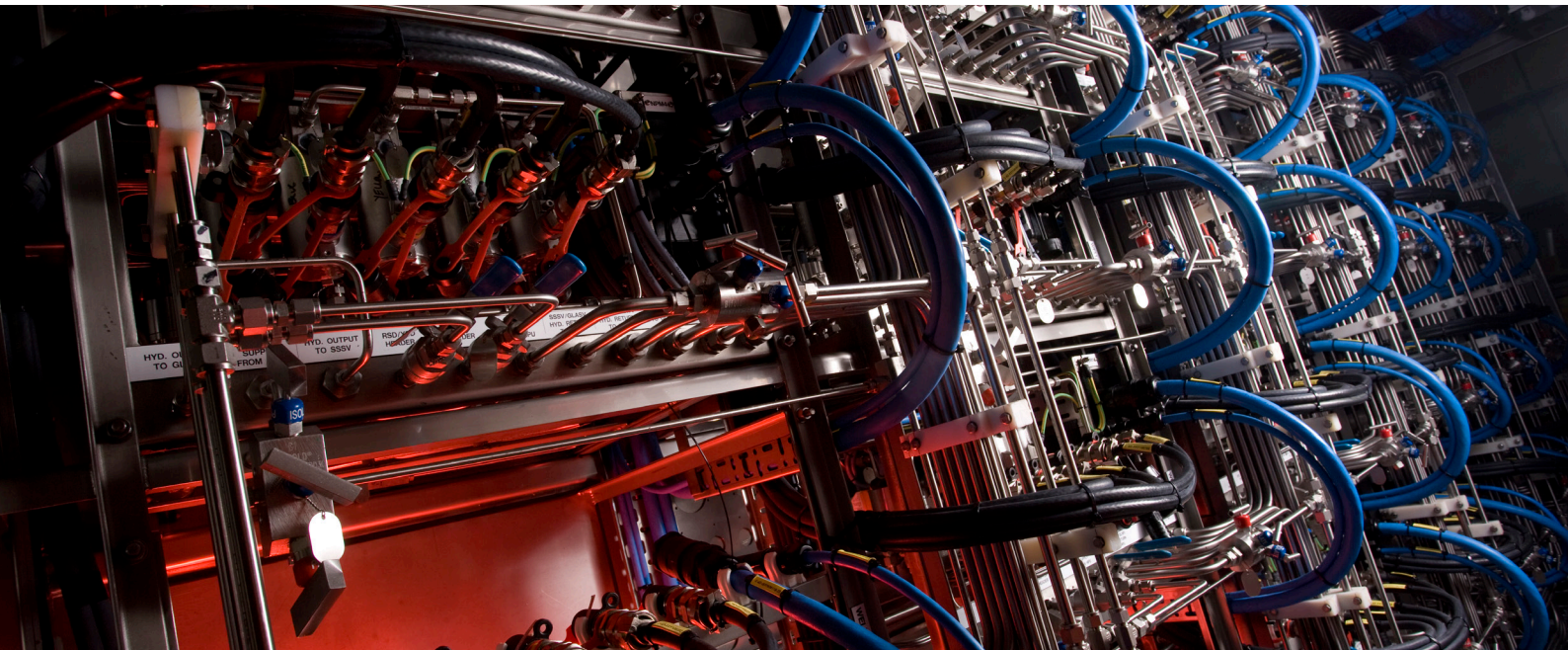


Topside Controls Equipment - Norway



Technologies to put you in complete control of operations.
Reliable engineering you can count on every time.
Cutting edge engineering for harsh environments.

Proserv provides highly reliable topside system equipment and components to improve uptime and minimise maintenance intervals. Proserv's team of experienced engineers and technicians understand the complexity of operations both onshore and offshore in today's energy environment and extending the life of a rig has become vital to the bottom line. We ensure that the focus on equipment performance optimisation, reliability, economy and product support is efficient, cost effective and ingeniously simple.

Our brand heritage

We have the knowledge and expertise to support and maintain the following brands:



AUTOCON LTD.

A proven track record...

proserv



20,000

Production control systems
manufactured



200

Metering control systems
manufactured



6,000

Wellhead control systems
supplied



300

Subsea control
modules installed



40,000

Sampling cylinders
supplied



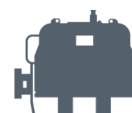
1,000

Production control systems
refurbishments



700

Monitoring, control
and retrieval projects



130

Subsea control
projects completed

Topside Controls Equipment - Norway



Proserv has an established track record in the delivery of control systems, panels and services in Norway. Below is a summary of recent larger projects completed to demonstrate our capability and expertise in this specialist field.

Year	Client	Work Scope	Location
2024	Equinor	Onshore - 4 x Multi HPU's	Norway
2024	Moreld Apply	SLEIPNER - 10 x Testpanels	North Sea, Norwegian Sector
2024	Aker Solutions	BESTLA tie-in to BRAGE - Multiphase sampling unit	North Sea, Norwegian Sector
2024	Aker BP ASA	ALVHEIM - pressure test skid	North Sea, Norwegian Sector
2024	Okea ASA	DRAUGEN - subsea sampling	North Sea, Norwegian Sector
2024	Kimman Process Solutions	SKARV - 2 ProMix Systems	North Sea, Norwegian Sector
2024	Aker BP ASA	TAMBAR - chemical injection system	North Sea, Norwegian Sector
2024	Kimman Process Solutions	VALHALL - 4 ProMix Systems	North Sea, Norwegian Sector
2024	Equinor	ONSHORE - 6 HPU's	Norway
2023	Kimman Process Solutions	HUGIN - 9 ProMix systems	North Sea, Norwegian Sector
2023	Kimman Process Solutions	VALHALL - 2 ProMix systems	North Sea, Norwegian Sector
2023	Repsol Norge	YME - rebuild of the HPU	North Sea, Norwegian Sector
2023	Sonacergy-Servicos E	ONSHORE - 3 HPU's & 4 manifolds	Angola
2023	Equinor	ONSHORE - 3 pressure test skids	Norway
2023	Aker Solutions Malaysia	ONSHORE - 3 HPU's	Malaysia
2023	Equinor	OSEBERG A - PSV test bench	North Sea, Norwegian Sector

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2023	Tess Vest	ONSHORE - HPU	Norway
2023	Aker Solutions	ÅSGARD B - chlorin injection system	North Sea, Norwegian Sector
2022	ConocoPhillips	Over Pressure Workshop Container with PSV Test Bench according to DNV 2.7-1 & Norsok Z-015	North Sea, Norwegian Sector
2022	FMC Kongsberg Metering	GINA KROG - 2 ProMix systems	North Sea, Norwegian Sector
2022	Aker Solutions	ONSHORE - HPU	Norway
2022	Okea ASA	DRAUGEN - ProMix system in cabinet	North Sea, Norwegian Sector
2022	Rosenberg Worley	JOTUN A - fastloop system refurbishment	North Sea, Norwegian Sector
2022	Aker Solutions	SKARV - transfer & flushing skid	North Sea, Norwegian Sector
2021	Cameron Norge	ONSHORE - HPU	Norway
2020	FMC Kongsberg International	ONSHORE - HPU & pressure test unit	Angola
2020	Aker Solutions	ICHTHYS Phase II - monitoring panels	Australia
2019	Aker Solutions	JOHAN SVERDRUP - MEG injection system	North Sea, Norwegian Sector
2019	Aibel	MONGSTAD - metering pump skid	North Sea, Norwegian Sector
2019	Expro Norway	OFFSHORE - 10 HP manifolds	North Sea, Norwegian Sector
2019	Cameron Norge	ONSHORE - pressure test system	Norway
2019	Aibel	MONGSTAD - chemical injection system	North Sea, Norwegian Sector
2019	Apply	GULLFAKS C - scale inhibitor injection system	North Sea, Norwegian Sector
2019	Aker Solutions	ULA - scale inhibitor injection system	North Sea, Norwegian Sector
2019	Aker Solutions	JOHAN SVERDRUP - MEG flushing units	North Sea, Norwegian Sector

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2018	Aibel	ONSHORE - 2 HPUs	Norway
2018	Nexans Norway	ONSHORE - test container	Norway
2018	Rosenberg Worley Parsons	GJØA - multiphase sampling unit	North Sea, Norwegian Sector
2018	Aker Solutions	Chloride injection pump	
2018	Halliburton	GRANE - 4 line WCM	North Sea, Norwegian Sector
2018	Aker Solutions	ULA - scale inhibitor skid	North Sea, Norwegian Sector
2018	Apply Sørco	GOLIAT - Biocide injection pumps	North Sea, Norwegian Sector
2018	Aker Subsea	ZOHR Phase II - umbilical monitoring panels	Egypt
2018	Aker BP	Flushing unit	
2018	Repsol	YME - combined topside / subsea WHCP with integrated HPU & TUTU	North Sea, Norwegian Sector
2018	NOV	Refill and filtration pack	
2018	Aker Solutions	GULLFAKS B - cabinets	North Sea, Norwegian Sector
2018	Nexans Norway	HPU container	
2017	Aker Solutions	VALHALL - HPU LCP	North Sea, Norwegian Sector
2017	Altus Intervention	2 ea wellhead control panels	
2017	Aibel	2 ea ATEX HPUs	
2017	Odfjell Drilling	HEIDRUN - modification of BOP control system	North Sea, Norwegian Sector
2017	KCA Deutag Drilling Norge	GULLFAKS B - bell nipple control panel	North Sea, Norwegian Sector
2017	ConocoPhillips	Glycol injection unit	
2017	Altus Intervention	15 ea Saftyhead SIL 2 control unit (BCU)	
2017	Roxel Products	HPU and hydraulic control panel	

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2017	Aker Solutions	ULA - hydraulic control panel	North Sea, Norwegian Sector
2017	Statoil	4 ea flare gas sampling system	
2017	Apply Sørco	GFA and GFA chemical distribution panel	North Sea, Norwegian Sector
2017	Aker Subsea	TROLL B - umbilical monitoring panels	North Sea, Norwegian Sector
2017	Aker Subsea	ZOHR - umbilical monitoring panels	Egypt
2017	Halliburton	Hydraulic wellhead control unit	
2017	Statoil	Chloride injection unit	
2017	Aker Solutions	VISUND - hydraulic panel	North Sea, Norwegian Sector
2017	Aibel	Flushing unit	
2016	Aibel	Accumulator skid upgrade	
2016	Nexans Norway	ARBI - 20/23 TUTUs	Saudi Arabia
2016	T P Communications	2 ea flushing units	
2016	Frank Mohr Services	2 ea test units	
2016	Aker Subsea	BAHR ESSALAM Phase II - umbilical monitoring panel	Mediterranean Sea, Lybia
2016-17	Statoil Petroleum	GULLFAKS - wellhead HPUs GFA/B/C	North Sea, Norwegian Sector
2016	Sintef Petroleum	Permability pump	
2016	Aibel	DRAUPNER - 3 ea accumulator skids	North Sea, Norwegian Sector
2016	Aibel	JOHAN SVERDRUP - drilling platform HPU and 3 ea CIS	North Sea, Norwegian Sector
2016	KCA Deutag Drilling Norge	GULLFAKS C - service, BOP control system and BOP control cabinet	North Sea, Norwegian Sector
2016	KCA Deutag Drilling Norge	Bell nipple control system	North Sea, Norwegian Sector
2016	Aker Subsea	2 ea flushing units and 1 ea hot oil flushing	

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2016	Westcon Yards	Containerised flushing units	
2016	TCO	PLS controlled test units	
2016	Tess Vest	GINA KROG - PSV test bench	North Sea, Norwegian Sector
2016	Tess Vest	JOHAN SVERDRUP - PSV test bench	North Sea, Norwegian Sector
2015	Lundin Norway	Chemical injection skid	
2015	Aveon Offshore, Anolga	3 ea Harben flushing units and 3 ea pressure test units	Nigeria
2015	Aker Subsea, Moss	AGBAMI - umbilical control panels	Nigeria
2015	Expro Norway	Manufacture 2 ea test pits	
2015	Kværner Stord	8 ea pressure test units	
2015	Statoil Petroleum	GULLFAKS topside upgrade - GFA wellhead HPU	North Sea, Norwegian Sector
2015	Aker Subsea, Moss	MPUNGI North Extension - monitoring equipment	Angola
2015	KCA Deutag Drilling Norge AS	GULLFAKS A - service, BOP control system	North Sea, Norwegian Sector
2015	KCA Deutag Drilling Norge AS	BOP control cabinet	
2015	KCA Deutag Drilling Norge AS	Bell nipple control system	North Sea, Norwegian Sector
2015	Schlumberger	ATEX test unit	
2015	Aker Subsea Angola	Mobile test facility	Angola
2015	Dongjoo Engineering	PSV test bench	
2015	Halliburton	GRANE - 2 wellhead control modules	North Sea, Norwegian Sector
2015	EAB Engineering	HTP panel	
2015	Aker Subsea, Moss	MPUNGI - monitoring equipment	Angola
2015	Halliburton	GRANE - 1 wellhead control module	North Sea, Norwegian Sector

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2014	Halliburton	GRANE - 3 wellhead control modules	North Sea, Norwegian Sector
2014	Oss-Nor AS	PSV test bench	
2014	FMC Kongsberg Subsea	10 ea pressure test units	
2014	Halliburton	4 ea HPU	
2014	Statoil	GULLFAKS - Annulus bleed panels	North Sea, Norwegian Sector
2014	NPT	Test and flushing HPU	
2014	TESS	Test and flushing HPU	
2014	Statoil	5 ea multi test and flushing HPUs	
2014	Wintershall	BRAGE - PSV, test bench	North Sea, Norwegian Sector
2014	Reinertsen	OSEBERG DELTA II - HTP panel	North Sea, Norwegian Sector
2014	Teekay	PETROJARL - chemical injection skid for scale	North Sea, Norwegian Sector
2013	Statoil	PSV testing bench	
2013	FMC	5 ea test and flushing HPUs	
2013	Aibel / Copno	Chemical injection and pressure test unit for diesel and MEG	
2013	TP Communications	HPU	
2013	Aibel	Annulus vent cabinet	
2013	FMC Kongsberg Subsea	2 ea multi test and flushing HPUs	
2013	Rolls Roys Marine	B&B panels	
2013	Expro Norway	Control unit with 2 ea ASF-122	
2013	Baker Oil Tools	2 ea intelligent well systems (ConocoPhillips end client)	
2012	Halliburton	Intelligent well system	
2012	Frank Mohn	HPU fill and drain pump skid	

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2012	ConocoPhillips	Chemical injection skid	
2012	Aker Subsea	Automated test system for christmas tree production	
2012	IRIS	Automatic test system	
2012	Aker Subsea	Hydraulic test device	
2012	Aker Subsea	Hydraulic test device	
2012	Baker Oil Tools	Control modules	
2011	FMC	HPU	
2011	Welldynamics	Various surface control / hydraulic units	
2011	Qserv	Injection skid and manifold skid	
2011	Aker Solutions	Annulus vent cabinet	
2011	Seawell	Wellhead pumps	
2010	Brønnteknologiutv	Automatic test sytem	
2010	Aker Subsea	Monitoring equipment	
2010	Proserv UK	Flushing units	
2010	FMC Kongsberg	Test HPU	
2010	Aker Subsea	Control panels	
2010	IKM Electro	Grease injection skid and pressure test system	
2010	Statoil Hydro	Chemical injection system	
2010	FMC Kongsberg	Flushing units	
2010	FMC	Control / spider panel	
2010	FMC	Test HPU	
2010	Statoil	Chemical injection system	
2010	APL	Chemical distribution panel	

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2010	Aker Well Service	Grease injection and pressure test system	
2010	Statoil	Filter circulation skid for CIS	
2009-11	Well Dynamics	Well control panel w/integrated HPU for smart well system	
2009	Aker Solutions	Chemical injection panel	
2009	APL	Chemical injection panel	
2008	Baker Oil Tools	Well control panel w/integrated HPU for smart well system	
2008	Aker Offshore Partner	Hypochlorite injection package	
2008	Seawell	Grease injection and pressure test system	
2007	Cameron	PYRENEES - subsea high pressure unit (HPU)	Western Australia
2007	Framo Engineering	ESD panel	
2007	Hydro	Hypochlorite injection system	
2007	Statoil	Chemical injection skid	
2007	Framo Engineering	Topside umbilical termination unit (TUTU)	
2007	Hydro	OSEBERG C - hypochlorite injection skid	North Sea, Norwegian Sector
2007	Reinertsen	Krystazil 40 pump skid	
2007	Aker Offshore Partner	Citric acid cleaning pump skid	
2007	Aker Well Service	Grease injection and pressure test system	
2006	Aker Offshore Partner	Scale inhibitor injection panel	
2006	Fabricom	Formic acid, injection pump system	
2006	Fabricom	H2S scavenger, injection pump system	
2006	Framo Engineering	Demulsifier distribution panel	
2006	Fabricom	Scale inhibitor, antifoam and emulsion breaker, injection pump system	
2006	Framo Engineering	ESD panel	

Topside Controls Equipment - Norway

Year	Client	Work Scope	Location
2006	Aibel	Chemical injection pumps and panel	
2006	Aker Offshore Partner	EB system SFB	
2006	Aker Reinertsen	Chemical injection pumps and panel	
2006	Aibel	Chemical injection system	
2006	Aker Offshore Partner	Wax inhibitor injection tank pumps and distribution panel	
2006	Ragasco	Dion / resin pump package	
2006	Framo Engineering	Chemical and hydraulic termination manifolds	
2006	Seadrill	Grease injection, pressure test system and wellhead pump system	