



Number 1	Page	Number 3	Page
CRP Azipod® gives a boost to marine propulsion efficiency	6	Fuel knowledge: Analyze ^{IT} for low sulfur levels in fuel	6
'Front-line' process control with Operate ^{IT} Pocket Portal TM	12	Connected: solutions for enhanced terminal operations	11
Cut and dried: a new dry capacitor for high-voltage DC applications	15	The right mix: Industrial ^{IT} improves gasoline blending at Preem refinery	15
A new range of submersible solid insulation distribution transformers	21	Winning the battle with downtime	21
GridView: mimicking electricity markets to optimize asset utilization	26	Proof of performance: a synthetic test circuit for verifying HVDC thyristor design	25
Ipv6 – the new Internet protocol	30	Optimize ^{IT} : Model predictive control for boiler start-up (BoilerMax)	30
Design ^{IT} Transmission System Configurator	36	IEC 61850 meets Industrial ^{IT}	37
Number 2	Page	Number 4	Page
GlobalRemote Industrial ^{IT} telemetry	6	50 years of HVDC transmission	6
Precise time synchronization for automation purposes	9	HVDC superhighways for China	14
Powering Troll with new technology	15	Advanced FACTS control	21
Working well: reliability analysis techniques for intelligent Wells	20	Power semiconductors – at the center of a silent revolution	27
Downsizing 'topsides': substantial Capex reductions possible within five years	23	The big picture: Inform ^{IT} Wide Area Monitoring PSG 850	32
RADAR TM : advanced riser inspection	26	Real-time energy performance management of industrial plants with Industrial ^{IT}	37
NuDeep TM technology for subsea development	30	Engineer ^{IT} Documentation Assistant makes complex documentation simple	43
New ethylene technologies	36		
Power steering: fast power switchover keeps production lines Running	38		
Power factor! ABB static var compensator stabilizes Namibian grid voltage	43		
Nanotechnology – from small dimensions to big business	49		