Ensuring Production Availability and Productivity in Unprecedented Times

Webinar Agenda

24th June 2020

Time	Topic	Presenter
1:00pm	**Introduction**	 **Ben Creagh** ***Editor - Oil & Gas Today*** ***Prime Creative*** Ben has 15 years' experience in media and communications. He joined Prime Creative Media as Managing Editor of resources industry publications in 2016. Much of Ben's work experience has focused on the mining and resources industry, in Australia and internationally.
1:05pm	**Keynote: Business, Resilience and continuity in Unprecedented Times** We are living and working in an unprecedented time. Countries and companies across the globe must find new ways to keep business, processes, and systems operational and profitable. The current pandemic, combined with the supply, demand and storage issues, continues to cause volatility in the oil and gas market – however, the industry will persist and recover. The rate of recovery will, to some extent, be dependent upon the ability and agility to embrace the new normal. As we face a future together that will probably look different, now is the time to embrace technology to overcome some of the challenges we are facing for a positive change in our industries and future.	 **Kevin Cole** ***Industry Sales Manager Australia & New Zealand*** ***Rockwell Automation*** Kevin is the Industry Sales Manager for Rockwell Automation Australia and New Zealand with 20 years' experience within, Mining, Oil and Gas, Food & Beverage, and Continuous Process Industry Sectors within Asia Pacific. He is an experienced IIOT Professional, within Continuous Process & discreet Automation industries. Kevin has managed B2B business $60M - $200M, within technology segments.
1:10pm	**Title: Remote connectivity to reduce downtime, save money and optimize performance** With increasing site access restrictions, remote connectivity can be an advantage, as it allows a skilled employee or supplier to remotely access site to program, diagnose, troubleshoot or repair control assets. It could also be used for live "over-the-shoulder" collaboration using augmented reality (AR). This presentation will provide a short introduction on remote connectivity and expert support for maintenance and troubleshooting, which can be utilized now and in the post-COVID 19 environment.	 **Derek Athanassiou** ***Enterprise Account Commercial Engineer - Australia & New Zealand,*** ***Rockwell Automation*** Derek has been part of the Automation Industry for over 30 years, since completing his trade qualifications in Instrumentation. Throughout his career he has worked with Rockwell Automation products as a System Integrator, Distributor and now a Commercial Engineer. In his current role, he actively supports a broad range of pre-sales activities around Australia and New Zealand, for example competency training, proof of concept testing, system reviews/ recommendations, product demonstrations, trade shows and events. Derek holds a Bachelor of Technology – Electrical, a Diploma in Project Management and a CertIV in Training and Assessment.
1:30pm	**Title: Reducing the time between anomaly detection and issue resolution, in upstream Oil and Gas wells** With the advent of the 'new normal' necessitated by Covid-19; reduced site access and working from home, highlights the need to accelerate implementation of remote monitoring and control solutions which add business value and allow faster operational decision making from any location. Employing recent developments in IIOT and Petro-Technical analytics, real-time production anomalies can be automatically detected – based upon pattern recognition, AI, ML and fuzzy logic techniques in producing oil and gas wells. Automated workflows can be utilized to notify user with probabilistic causation and recommendations for remedial action. For some artificial lift types this methodology can be extended to run in closed loop control to auto correct the well/lift performance anomaly. The resultant time reduction from anomaly detection to issue resolution results in; reduced downtime, continuous production, reduction in opex, and potential prevention of workover. The presentation will highlight a specific example of this technology for application in ESP equipped wells.	 **David Turner** ***Regional Manager – Digital Oilfield Solutions, Asia Pacific, Sensia*** David is a Petroleum/ Production Engineer with 33 years of experience in the Upstream Oil & Gas industry. His early career was spent offshore as a field engineer, before spending several years as an R&D Design Engineer developing downhole and surface drilling and production equipment, holding several patents in designs related to production technology. For the past 20 years, David has specialised in the fields of Production Optimisation and Artificial run life development, predominantly in the Asia Pacific region, in both Oilfield Services companies and E&P companies. David currently leads the Digital Oilfield Solutions business for Asia Pacific for Sensia (A Rockwell Automation – Schlumberger Company). David holds a B.Sc. (Hons) degree in Offshore (Mechanical Engineering) from Heriot-Watt University, Edinburgh.
1:50pm	Panel Q&A	Moderator: Ben Creagh Panel: Kevin Cole, Derek Athanassiou, David Turner
2:00pm	**Webinar Close**	

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