

MACAW Engineering Ltd. and ROSEN Group services to be provided as one

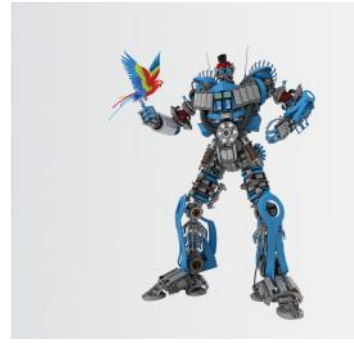
On 16 January, 2017, **MACAW Engineering Ltd.**, a member of the **ROSEN Group**, started providing its services under the ROSEN brand.

MACAW and the ROSEN Group have been working together very effectively since 2006 and have built a strong relationship based on providing integrity services for industrial assets. With a common goal to provide the best possible support to operators, the decision was made to integrate all services under one brand. There will be no personnel changes, and the services will continue to be provided by the trusted experts.

Operators will still have access to an integrated worldwide team. Experts in all areas of asset integrity are available to provide everything necessary for high-quality, safe and efficient asset integrity management.

Roland Palmer-Jones, ROSEN global business line manager for integrity services, said, "Aligning all our services under one brand will simplify our customer relationships and demonstrate our commitment to making ROSEN the world's leading specialist for ensuring the integrity of industrial assets."

For further information please visit:
<http://www.rosen-group.com/CombinedCapabilities>



ROSEN'S integrated approach to circumferential cracking

Failure investigations have identified strain and a corrosive environment as being major contributors to the development of stress corrosion cracking (SCC). Also often cited are stress raisers such as dents, areas of corrosion, and weld toes. Although most cases of SCC result in axial cracking due to internal pressure, there have been a number of pipeline failures attributed to circumferential cracking in recent years. These failures remain rare but are often unexpected, either because the hazard had not previously been identified or because it was included in any risk assessment. Nonetheless, they can create a major hazard with sig-

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