

# Score *Diagnostics Limited*

## MIDAS Meter® “Surveys as a Service”

In the current economic climate in the oil & gas industry, the non-availability of free capital to invest in innovative technology that has the potential to deliver high returns is a challenge for operating companies and their teams. Buying cycles can be significantly extended accordingly and the immediate returns which are available are consequently not immediately realised.

Looking to the operating companies’ OPEX budgets however, it is very often the case that if a smaller more manageable investment can be made, operating companies can still realise the immediately available benefits of deploying the latest innovative technology.



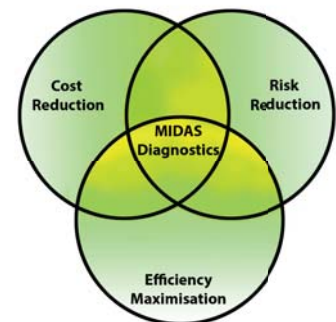
One way in which Score Diagnostics Limited have opened up the opportunity to operating companies to engage with the latest technology for valve condition and performance monitoring is to supply risk-based inspections as a service. Rather than simply supplying the MIDAS Meter® product, alternatively, a Score Engineer is deployed to complete valve surveys at a fraction of the cost of ownership of the product.

This has resulted in a growing number of organisations taking advantage of the available benefits of valve condition and performance monitoring now, rather than having to wait until CAPEX budgets return to their former higher levels.

A further way in which customers’ benefit from the supply as a service approach is that training their own teams to use / deploy the technology is avoided, so training budgets (which are often targeted for reduction in a recessive market) are also relieved.

So, with a significantly reduced cost of engagement, is it now time for your organisation to start gaining the benefits of quick, easy and non-invasive valve testing techniques and equipment? If you are in any doubt about the value MIDAS Meter® can add to your operations, take a look at the wide range of benefits over the page.

### Valve Condition Monitoring Benefits



### Strategic Deployment of MIDAS Meter®

Requirement	Commissioning	Operations	Pre-Shutdown Planning	Asset Integrity Management
Leak Detection	Troubleshooting	Risk Based Inspection (RBI)	Risk Based Inspection (RBI)	Risk Based Inspection (RBI)
Leak Rate Quantification		Condition Based Decision Making	Condition Based Decision Making	Condition Based Decision Making
Leak Rate Trending	Datum Establishment	Reliability Centred Maintenance (RCM)	Reliability Centred Maintenance (RCM)	Reliability Centred Maintenance (RCM)



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## Some Benefits of MIDAS Meter® Surveys

Non-Intrusive valve condition monitoring and evaluation – No more costly and lengthy downtime caused by alternative invasive testing techniques such as pressure boundary testing and pressure build-up testing.

Quick, easy and positive identification of leaking valves (evidence-based approach to valve management).

Reliable, wireless data acquisition and storage, aligned with latest Asset Integrity Management standard.

Intrinsically safe certified device, no hot work permits required to complete survey (ATEX, CSA and IECEx Certified).

Consistent and reliable results analysis, with immediate result reporting on the device.

Leak rate calculation capability in MIDAS Meter® software drives risk-based maintenance decision making.

Trending of leak rates over life cycle leads to proactive and predictive maintenance approach to valve management.

Safe cost avoidance where valves are evidenced to be not leaking (no more unnecessary maintenance).

Enhanced reporting capabilities available when docking and analysing with bespoke Communicator™ Software.

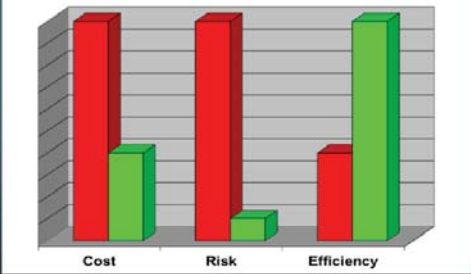
Major safety, environmental, production and cost savings resulting from MIDAS Meter® surveys:

- Focused / Prioritised Maintenance Planning
- Reduction in valve failures in-service
- Reduction of unplanned shutdowns
- Improved plant availability
- Maximised plant efficiency

Example: One customer completed a pre-shutdown MIDAS Meter® survey on 81 isolating control valves which had been targeted for maintenance, as a result of applying a calendar-based strategy towards valve integrity management. The MIDAS Meter® survey revealed that only around one third of the valves targeted for maintenance actually needed to be worked. This delivered significant benefits such as environmental and safety risks reductions associated with valve removal from line, as well as large cost savings of approximately £340,000.

Want to find out more about MIDAS Meter® “Surveys as a Service”? Please contact us at: - Tel +44 (0) 1779 485530 or e-mail us at: [midas.enquiries@score-group.com](mailto:midas.enquiries@score-group.com)

Alternatively, you can request a MIDAS Meter® survey via our internet enquiry portal: [www.midasmeter.com](http://www.midasmeter.com)

Common approaches to Valve Management:-	V's	Score Intelligent Valve Management:-
<ul style="list-style-type: none"> <li>• Maintain Just in Case</li> <li>• Run to Failure</li> <li>• Failure Response</li> <li>• Replace like for like</li> </ul>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> <b>Expensive</b>  <b>High Risk</b>  <b>Inefficient</b> </div>	<ul style="list-style-type: none"> <li>• Criticality Identification</li> <li>• Condition Monitoring</li> <li>• Trending over time</li> <li>• Engineered Solutions</li> </ul> <div style="background-color: green; color: white; padding: 5px; text-align: center;"> <b>Lower Cost</b>  <b>Low / No Risk</b>  <b>Max Efficiency</b> </div>
<p><b>Positive changes you can make by implementing MIDAS® Valve Diagnostics...</b></p>		
 <p>The bar chart shows three categories: Cost, Risk, and Efficiency. For each category, there are two bars: a red bar representing traditional valve management and a green bar representing intelligent valve management. In the 'Cost' category, the red bar is significantly taller than the green bar. In the 'Risk' category, the red bar is significantly taller than the green bar. In the 'Efficiency' category, the green bar is significantly taller than the red bar.</p>		

