MORE THAN MERELY MONITORING

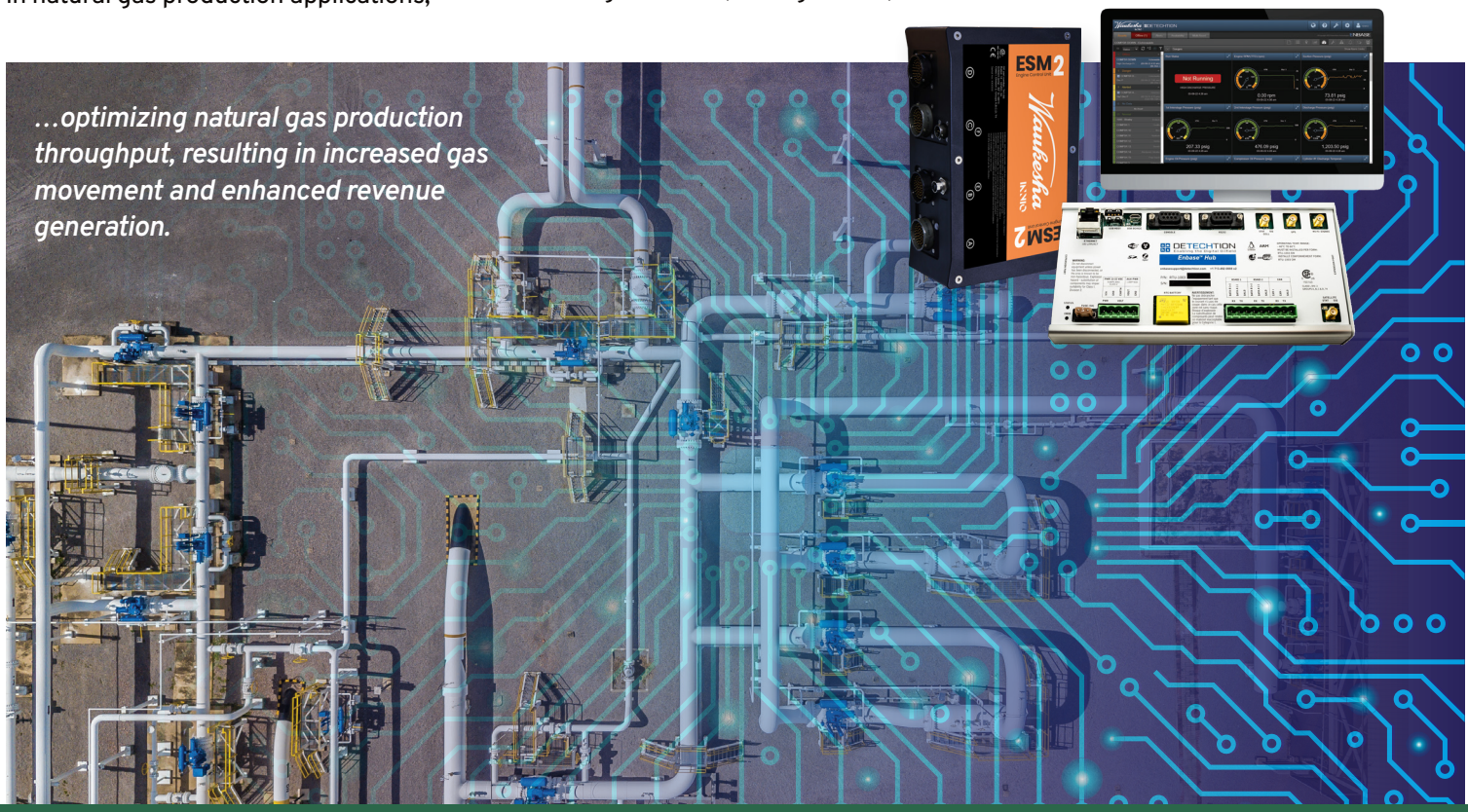
SkidIQ Technology Enhances Natural Gas Production, Boosts Revenue Generation

SkidIQ expands asset connectivity through a customer-centric digital ecosystem, facilitating the transition to decarbonization. An additional user benefit is the ability to identify opportunities for optimizing natural gas production throughput, resulting in increased gas movement and enhanced revenue generation.

Focusing on end customers with engine/compressor packages operating in natural gas production applications, assets from 10 unique end customers, totaling approximately 800 assets, were analyzed for gas throughput optimization.

The Process

As part of overall remote monitoring activity, both engine and compressor data were analyzed by the Remote Operations Center (ROC) and Engineering Account Managers (EAMs). Leveraging insights based on the current engine model, configuration, control system, asset age, and operating profile, the teams applied various Conversion, Modification, and Upgrade (CMU) kits to create "what-if" scenarios and develop production models. This enabled an understanding of the potential incremental production, revenue per day, as well as the payback or return on investment (ROI) period.



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A POWERFUL FUTURE

The table below illustrates the data analysis process, starting with the current Waukesha engine model in operation. The analysis model incorporates the suggested engine or component upgrades or upgrade kits, including any potential core return credit. Subsequently, "what-if" calculations are completed to determine the potential incremental production, revenue increases (adjustable based on current natural gas pricing), and ROI or payback period in days. These findings assist end customers in their decision-making process.

The Results

Through the collaborative efforts of the ROC and EAM, opportunities to increase throughput have been identified for over 50 assets, resulting in approximately 150 MMSCFD of additional gas movement. Based on an average of $4.00/MMBtu, this translates to a revenue increase of $506,760 per day. The average ROI for a reUp engine, after factoring in the core return (if applicable), is 63 days.

SkidIQ brings a new level of connectivity and control to ensure the optimal performance of assets, both now and in the future. There are powerful challenges facing the energy sector today. The world needs more energy and lower emissions—INNIO Waukesha delivers both.

Current Model	Upgrade	New Model	Incremental Production (mmscfd)	Incremental Revenue/Day @ $4 NG*	Payback (Days) @ 100% Load**
L7042GSI	reUp® Engine/CMU kit	L7044GSI S5	9.749	$38,996.00	9
L7042GL	reUp Engine/CMU kit	L7044GSI S5	8.45	$33,800.00	10
P9394GSI	CMU kit	P9394GSI S5	6.56	$26,240.00	9
L7042GSI	reUp Engine/CMU kit	L7044GSI S5	6.172	$24,688.00	14
L7044GSI	reUp Engine/CMU kit	L7044GSI S5	6.147	$24,588.00	14
L7044GSI	reUp Engine/CMU kit	L7044GSI S5	6.122	$24,488.00	14
L7042GL	reUp Engine/CMU kit	L7044GSI S5	5.92	$23,680.00	14
L7042GL	reUp Engine/CMU kit	L7044GSI S5	5.3	$21,200.00	16
L7042GL	reUp Engine/CMU kit	L7044GSI S5	5.278	$21,112.00	16
L7044GSI	reUp Engine/CMU kit	L7044GSI S5	5.238	$20,952.00	16
L7042GL	reUp Engine/CMU kit	L7044GSI S5	4.814	$19,256.00	18
L7042GSI S5	Calibration CMU	L7044GSI S5	4.46	$17,840.00	8
L7044GSI	reUp Engine/CMU kit	L7044GSI S5	4.364	$17,456.00	19
L7042GL	reUp Engine/CMU kit	L7044GSI S5	4.267	$17,068.00	20
L7042GL	reUp Engine/CMU kit	L7044GSI S5	4.08	$16,320.00	21
L7042GSI	reUp Engine/CMU kit	L7044GSI S5	3.78	$15,120.00	22

Notes:
* $4 natural gas used to illustrate an average environment.
** Payback is based on current upgrade pricing and includes applicable core return.

Waukesha – an INNIO® brand - INNIO's Waukesha engines are at the forefront of the energy transition, providing reliable and compliant energy solutions for distributed gas compression and power generation applications. The brand's rich and lean-burn engines, ranging from 335 hp to 5,000 hp, set an industry standard for low emissions, high reliability, and fuel flexibility.

Waukesha products are continuously upgraded to help operators stay emission-compliant without sacrificing operational excellence. These upgrades include new and remanufactured engines and parts, as well as conversion and modification kits, all of which are backed by OEM warranty and more than 115 years of engine expertise. Additionally, our Waukesha digital solutions include a collaborative solution with Detechtion Technologies for gas compression applications and INNIO's myPlant platform for power generation applications. Both solutions provide customers with enhanced monitoring and optimization capabilities, resulting in improved performance and reduced downtime.

We connect locally with our customers to enable a rapid response to their service needs, providing enhanced support through our broad network of distributors and solution providers with parts, services, and digital offerings.

Waukesha engines are engineered in Waukesha, Wisconsin, U.S., and manufactured in Welland, Ontario, Canada. To learn more about the company's products and services, please visit INNIO's website at **www.waukeshaengine.com** or follow Waukesha engines on **LinkedIn**.

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