

Smart Field Concept by RAG Technology

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Abstract

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A strong impact for the development of the Smart Field Concept by RAG Technology was the demand for the intelligent connectivity of information to exploit the fields to the maximum possible extent without finding an appropriate solution in the market. Therefore, the Smart Field Concept is a result of decades of operational experience (know-how) and in-house developed technologies & solutions combined with state-of-the-art digitalisation. The core of the Smart Field Concept is the integration of the analogue and digital field operation world. During the development of the Smart Field Concept, the RAG Technology team considered the success models of other industries and companies. The Smart Field Concept integrates hard- and software to facilitate the communication and decision-making within oil & gas companies with a strong focus on usability for all relevant disciplines (e.g. reservoir, production, operation, etc.) required in a cost and time effective way.