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Cloud computing in oil & gas supply-chain management - An overview**Prathamesh Sapale and P Victor Paul**

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The oil & gas industry involved in a global supply-chain that includes movement and storage of raw materials includes domestic and international transportation of work in process inventory. Interconnected or interlinked channels and node businesses combine in the provision of import/export facilitation technology required by end customers in a supply chain. The purpose of this paper is to investigate the role of cloud-based solutions to their primary sourcing application. This research examines to improve supply chain in the oil & gas industry by executing the supply-chain transaction, managing supplier relationships & controlling business processes associated with cloud-based technology. Cloud computing is an emerging IT based paradigm that enables ubiquitous access to shared pools of configurable system resources and provides on-demand computing services with reliability, scalability

and availability in a distributed environment. If used properly these third party clouds enable organizations to focus on their core businesses which develop an inimitable resource that helps organizations to create & sustain their competitive advantages. In recent times, there have been concerns regarding supply-chain sustainability in the oil and gas industry and supply chain is a highly concentrated business issue affecting organizations supply chain logistic networks and it is frequently quantified by comparison with high-tech and low-tech operations and capital intensive operations. Currently, the oil and gas industry entered an era of very scarce resources. But despite the fact there aren't any worries about the resources; they are not the cause of supply constraints.

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