

## Administration and monitoring of the petrochemical industry information

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**Abstract** The information volume has risen and the last two centuries in a geometrical rhythm. Its exponential tendencies are to a exponential regime very difficult to be controlled.

The recently data [1] show that the volume in the local nets of the companies (Intranet) with grow about 150 times in the next eight years. This evolution implies solutions to administrate centralized such big data volume on the other hand to access very quickly at them. The administration and monitoring of the information has suffered high changes in the last decades concerning the available hardware and the logic of the new programs used by the system. The evolution of the field of information technology (IT) is well connected with the global evolution, under the following aspects: fields of utilization, hardware infrastructure, objectives and performances

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