

Kata Kunci : Business Intelligence, ERP, Pentaho

## **ABSTRACT**

Fadnov Airtech. Ltd is a company that mainly focus in Services, to be more precise is services in renting compressor machine with target market Industry that needs compressor as a business operational requirement to be working. Provide compressor spare part is another focus in Fadnov Airtech. Ltd business, with technician support that will continuously help the client to get desired outcome.

As far the company grows there is already a system implemented, which is an ERP website based system that help the company to be fully operating. With this system company have an integrated system that helps the operational division to properly functioning. But this system lacks functions that help management division to do their job. Company wishes to have more grasp in analysis work that system based, as example : company growth sales analysis, operational monitoring dashboard, and forecast sales opportunity in the future more accurate and just in time.

As already mention above writer decided to choose designing dashboard business intelligence that hopefully could handle all the mentioned needs about system developing. Pentaho writer choose as a platform that will help company to fulfilling the requirement above, with reasoning of the easiness access to the developer community of pentaho, and the software is free to use in selected version. Also there is available feature in pentaho such as : Pentaho BI Server and Pentaho Data Integration that will help researcher in building Dashboard and doing ETL process from company Data Source.

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