

**DATA WAREHOUSE SYSTEM FOR INFRATEX PHILIPPINES INC.  
DW – IPI**

**A Special Problem**

**Presented to**

**The Computer Studies Department**

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**by**

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## ABSTRACT

Nowadays, most organizations, companies, and corporations have focused their investment in new computer systems that automate business processes. This is what made them gain competitive advantage through systems that offer efficient and cost-effective services to their customers.

Infratex is primarily concerned on their operational data acquired from their system as a source of supporting decision-making. Since operational systems were never designed to support business activities thus making decisions are not possible.

Data warehousing is a new technology proposed to the company that aims to turn their archives of data into a source of knowledge, so that a single integrated / consolidated view of the organization's data is presented to the user. The concept of data warehousing was deemed the solution to meet the requirements of a system capable of supporting decision-making, receiving data from multiple operational data sources.

The need for a data warehouse system was seen to be of importance to the company since it handles a great bulk of information. Data Warehouse for Infratex Philippines Inc.(DW-IPI) provides the company, Infratex with an automated system of information retrieval, record-keeping and file handling, that would be used by the Manager and by the Sales and Import/Export Departments. As the name implies, the data Warehouse system would also provide a means by which these departments will be linked for easier accessibility between them.



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