



EDIST 2010

Understanding Operational Data Store (ODS) Benefits and Challenges

Part 1 - A Users Perspective

January 21, 2010

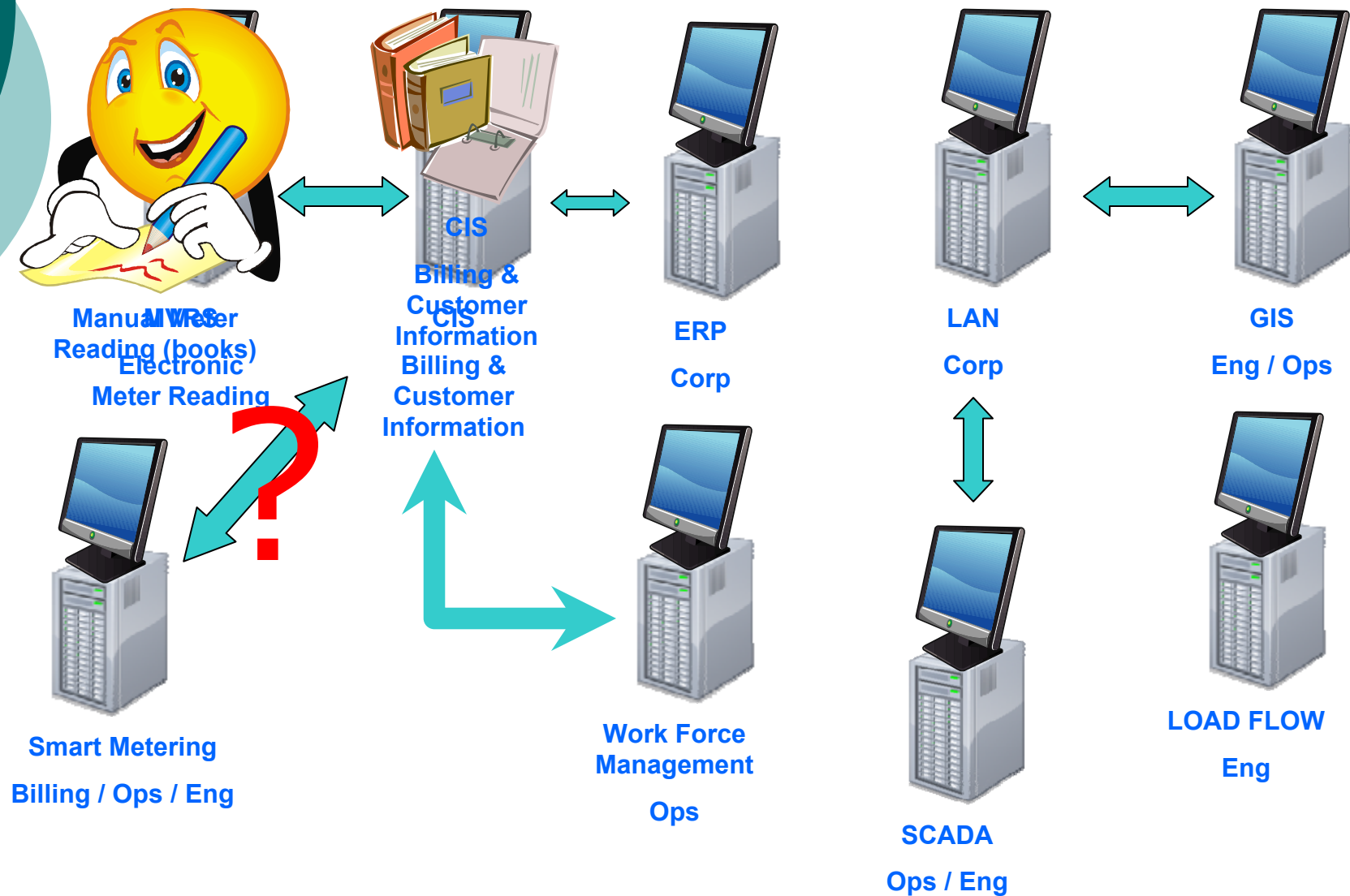
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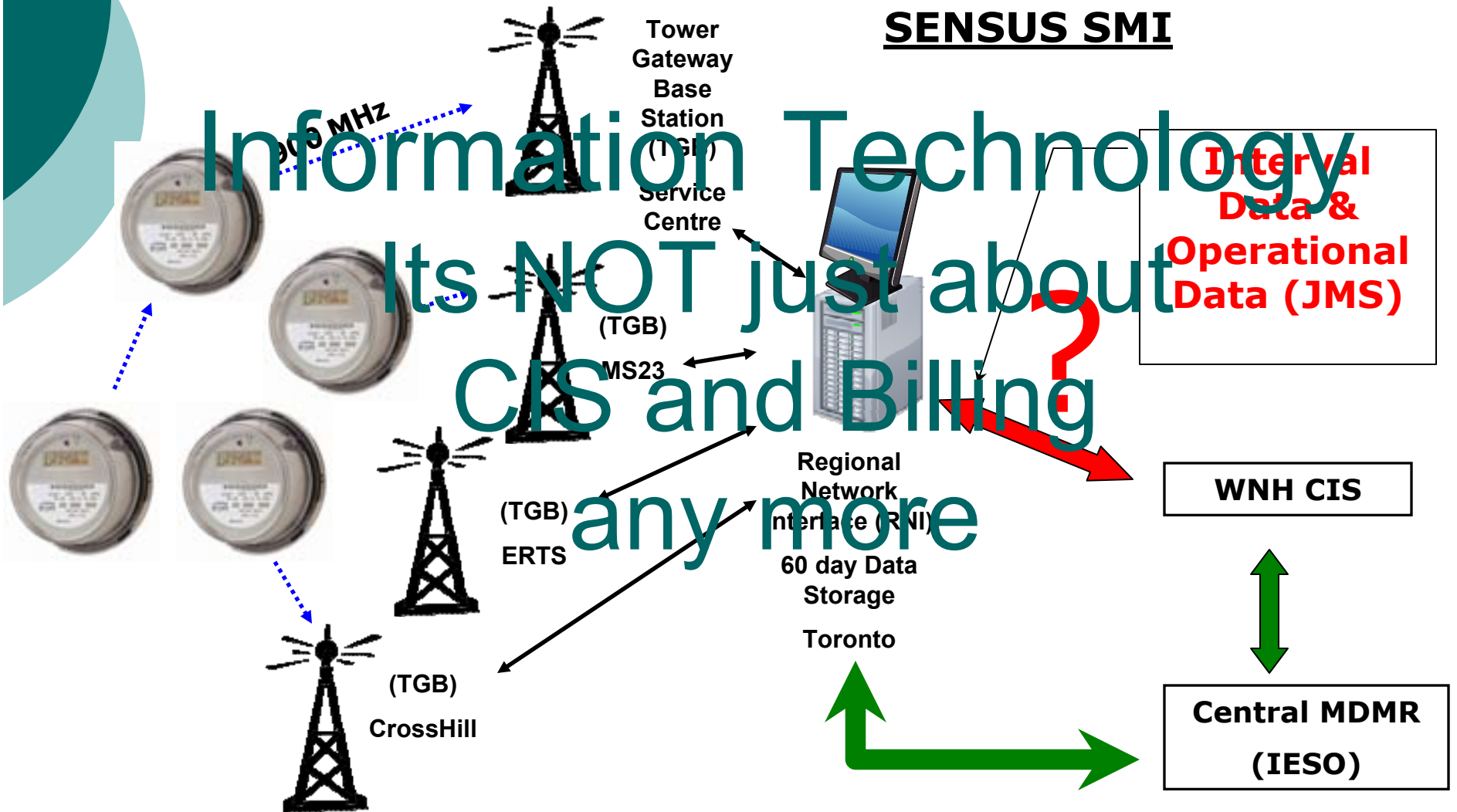
About Waterloo North Hydro Inc.

- Service the City of Waterloo, Township of Woolwich and Township of Wellesley
- ~ 15th Largest LDC in Province
- Service Area – 673 sq km
- Peak demand - 267 MW
- 51,000 customers
- 112 employees
- \$133 million in Fixed Assets

Evolution of Information Systems @ WNH



Why ODS ? – SMI Pushed us





What are we struggling with ?

- Tons of data / little information at hand
- Multiple copies of data
- Poor formatting/ trending capabilities for general user
- Manual information gathering and reporting processes
- Multiple independent system accesses to perform business analysis reporting.
- Poorly formatted and incomplete reports on native systems.



WHY an ODS ?

- A means to handle the large volumes of operational and billing data coming from the SMI and turn it into usable information.
- The ability archive consumption and operational data from the SMI for Engineering & Operational analysis.
- The ability to develop intelligent tools to analyze the data to verify operational effectiveness of the SMI.
- The ability to house data/information not resident in any of our native systems.
- The ability to provide tools sets not resident in any of the native systems.

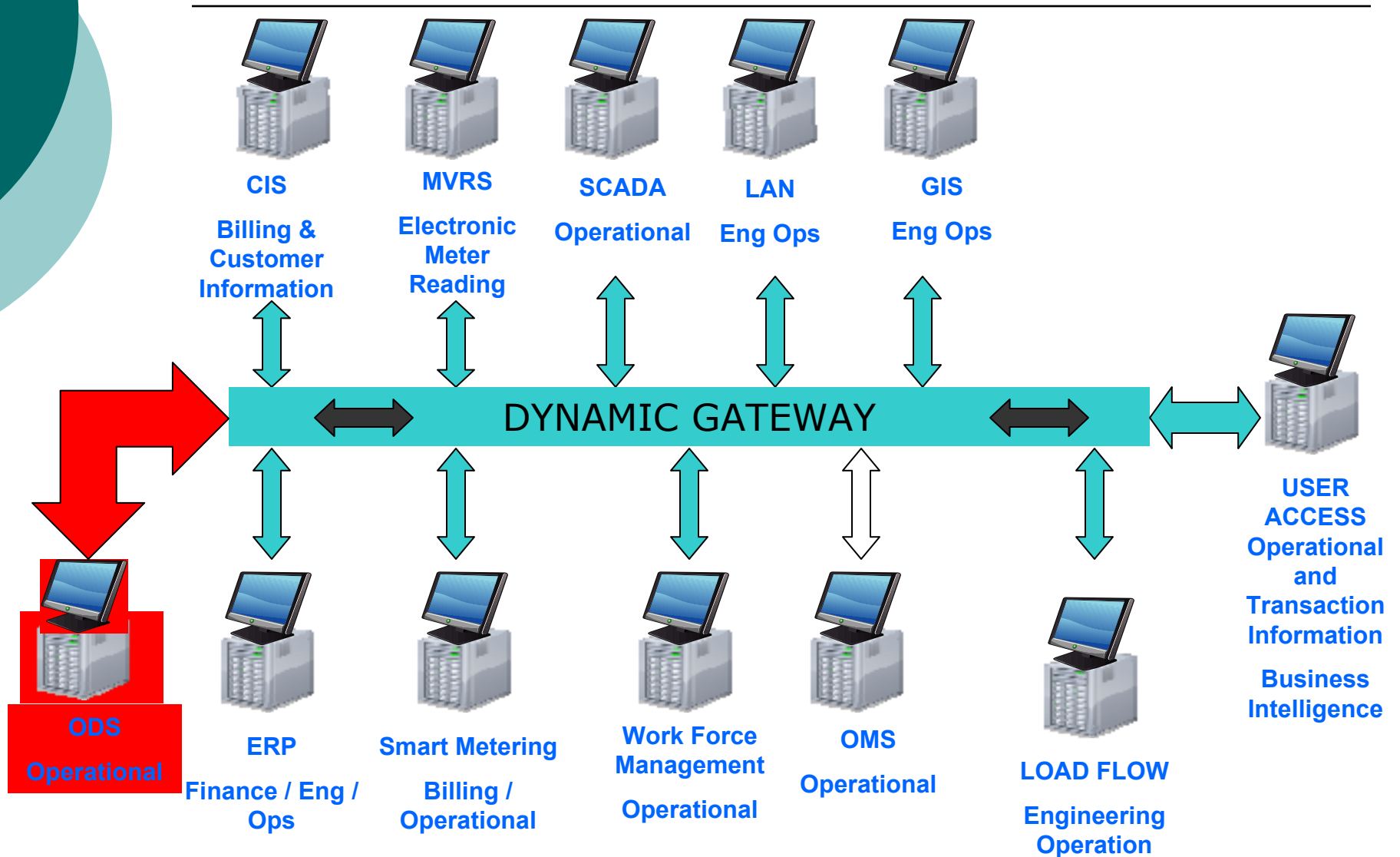


Objectives of Information Systems

From a Users perspective;

- Barrier Free Access to all data across all native systems.
- Create Intelligence needed to optimize the gathering and analysis of data from all systems.
- The ability to turn data into information through Business Intelligence tool sets.
- Provide Presentment of information in the format needed to work effectively.
- Minimize / eliminate the need for Duplication of data

Future of Data Systems @ WNH





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Thank You

