## **Diagnosing IT's Impact on the Business**

## ABSTRACT-----

Businesspeople require information to do their jobs, and they expect IT systems to provide that information for them. Businesses pay for IT not because they are enamored with technology; businesses pay for IT because of the information they hope to get from IT systems. Consequently, effective metrics for an IT department are those that measure the usefulness of the information that IT systems deliver to businesspeople.

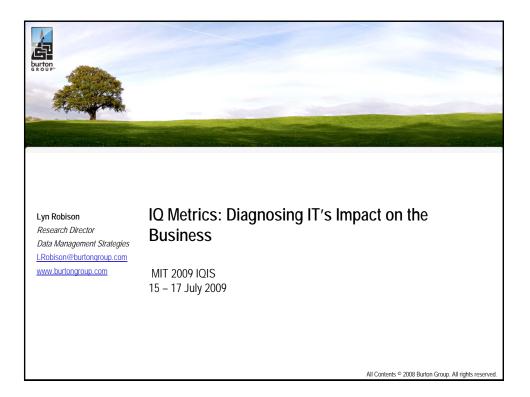
The quality and usefulness of the information that comes from IT systems should be the overriding concern of IT leadership and staff. This presentation offers metrics for measuring an IT department's data management maturity, data quality, and the usefulness of information that IT systems deliver to businesspeople. IT leaders and staff can use these metrics to diagnose their impact on the business and their contribution to the enterprise's success.

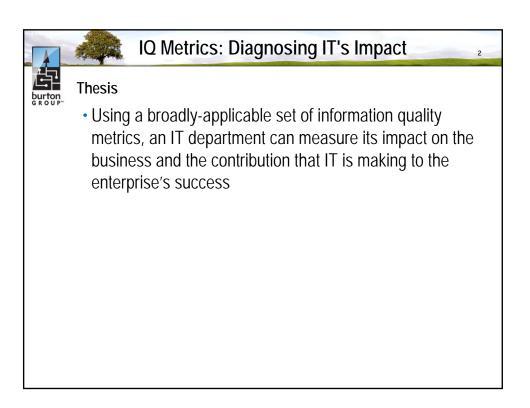
## BIOGRAPHY-----

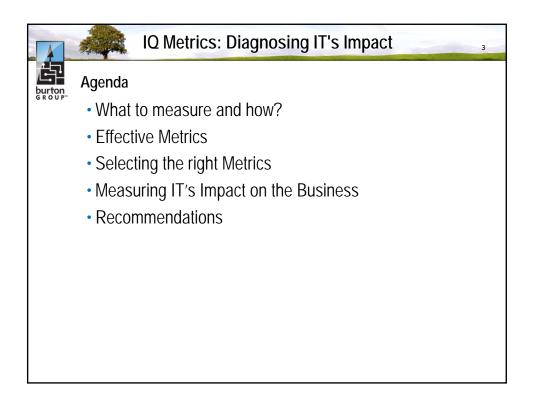
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Lyn Robison is the Research Director for Burton Group's Data Management Strategies service. Lyn directs the research of Burton Group analysts who provide guidance for Global 2000 corporations on data management issues. He is the author of two books and numerous articles on information technology, and is a frequent speaker at IT industry conferences.

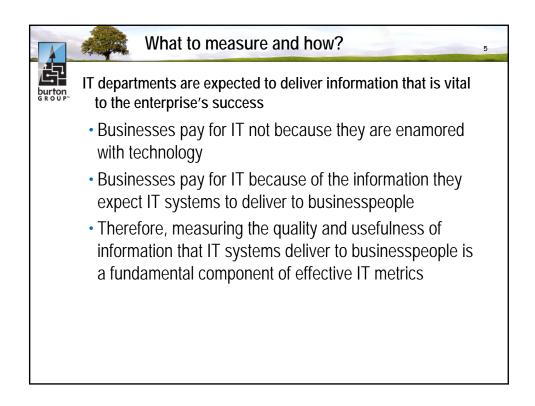


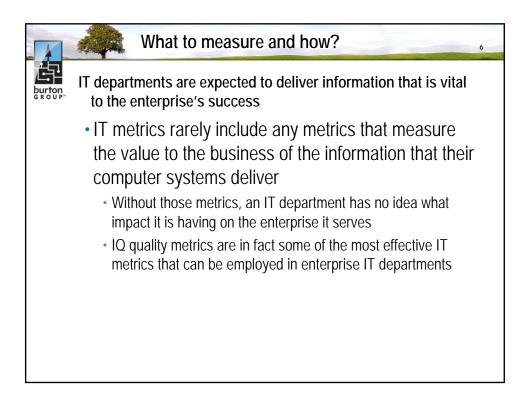


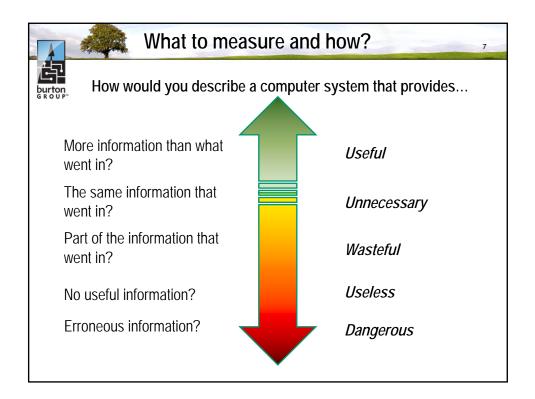




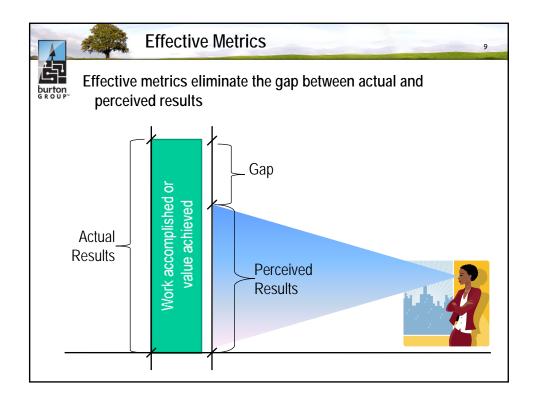


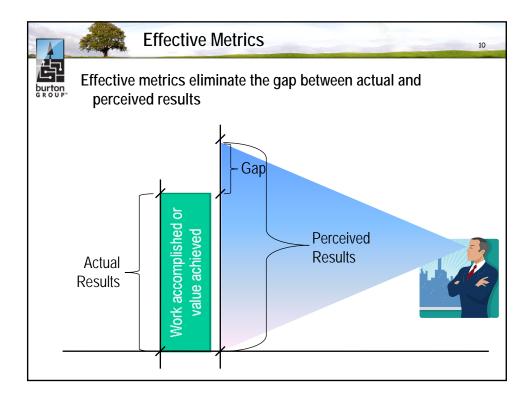




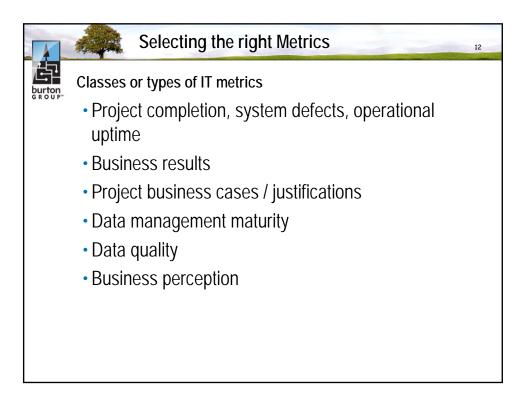


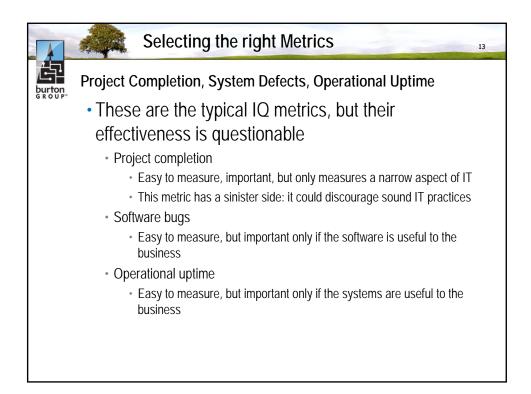


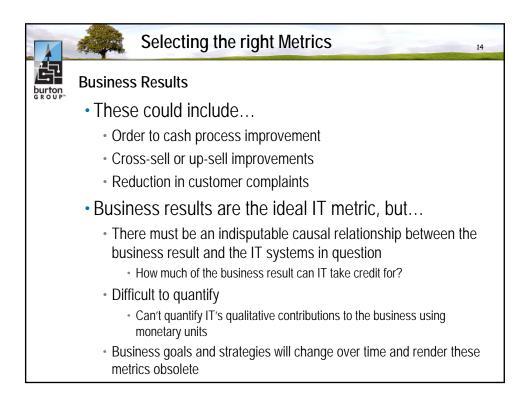


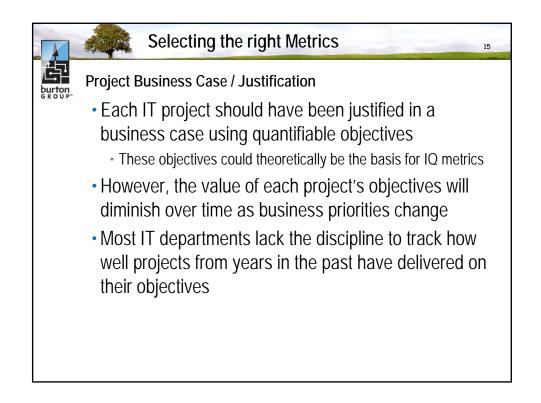


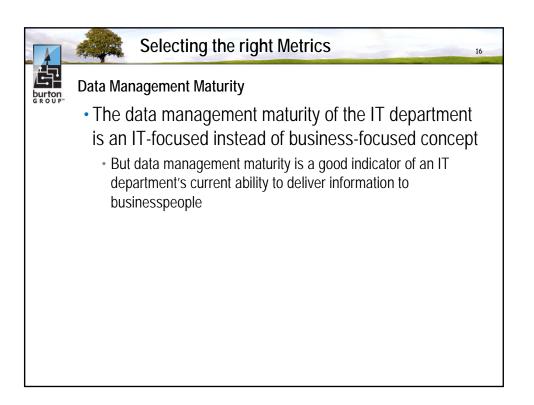


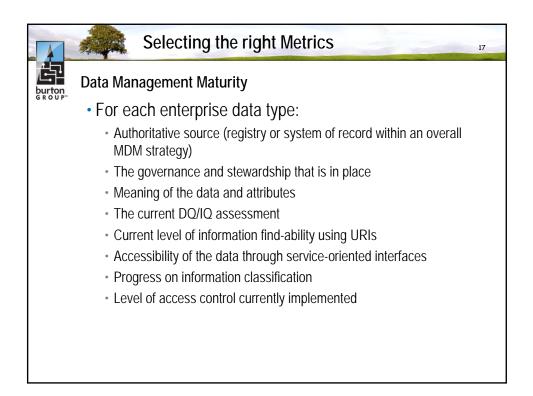




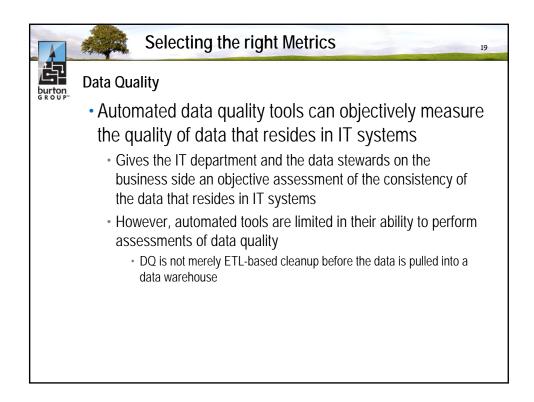


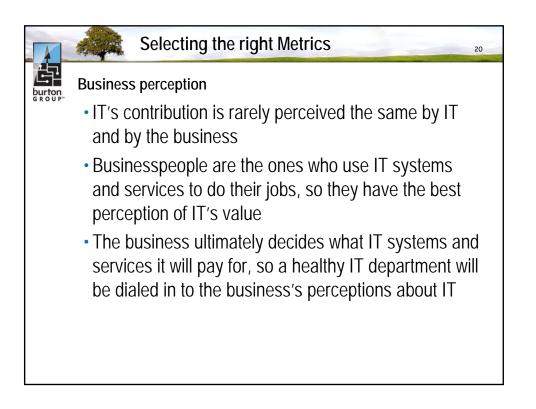


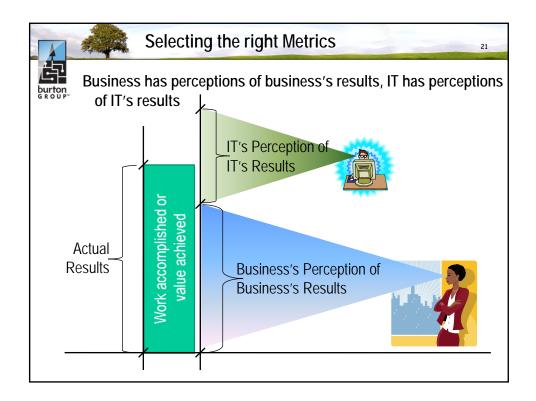


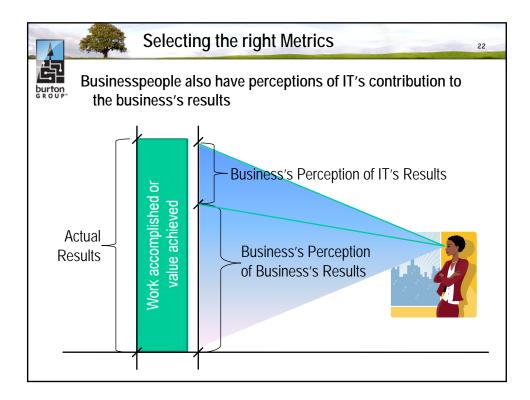


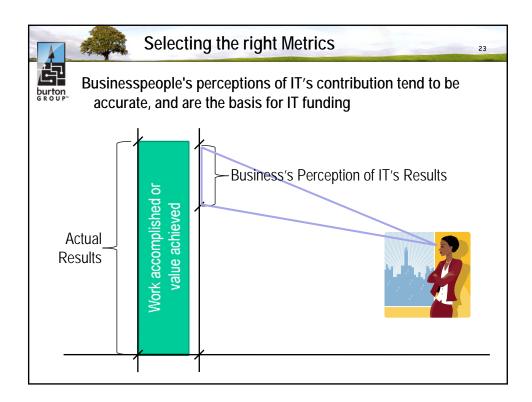
burton Burton GROUP	Se a Manage	electing		ght Met	rics		18
Entity Type	MDM System of Record	Business Data Steward	Data Q Model	Data Loca uality usi Eval. Ul	ng based	Security	Access Control Established

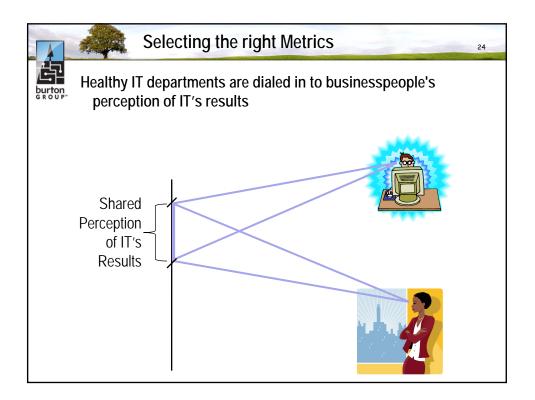


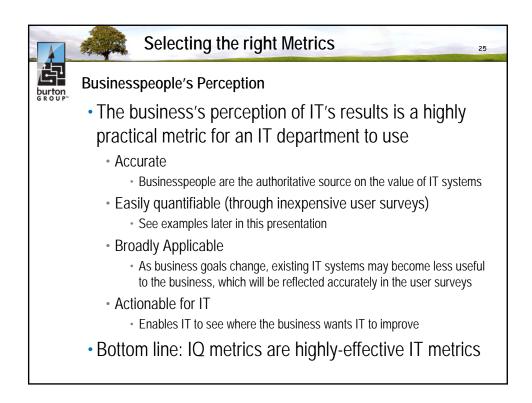




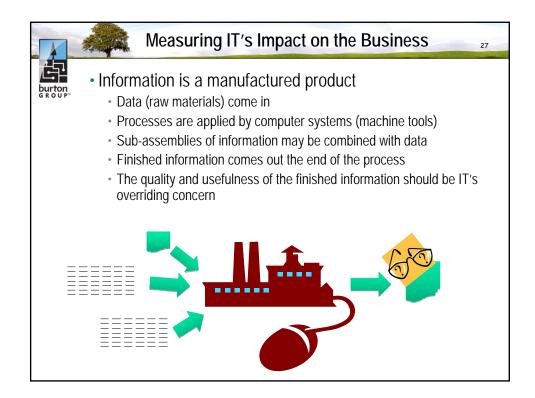












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Information quality is a multi-dimensional concept

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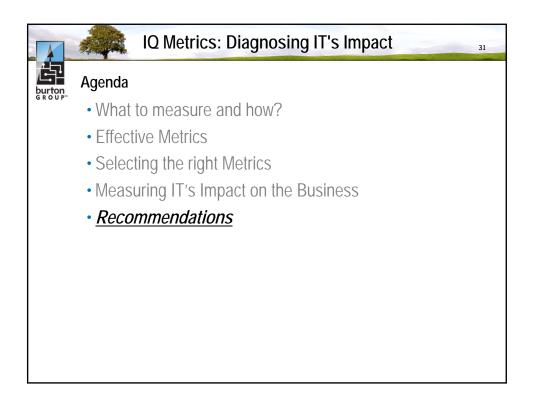
(the iPod succeeded because of its information quality)

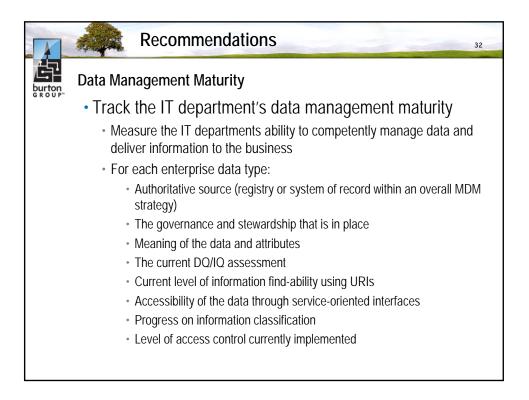
<u>Dimension</u>	The extent to which			
Accessibility	Information is available, or easily and quickly retrievable			
Appropriate Amount of Data	the volume of information is appropriate for the task at hand			
Believability	Information is regarded as true and credible			
Completeness	Information is not missing and is of sufficient breadth and depth for the task at hand			

Information quality is a	multi-dimensional concept
Dimension	The extent to which
Ease of Manipulation	Information is easy to manipulate and apply to different tasks
Free-of-Error	Information is correct and reliable
Interpretability	Information is in appropriate languages, symbols, and units, with clear definitions
Relevancy	Information is applicable and helpful for the task at hand

Measuring	g IT's Impact on the Business
Information quality is	a multi-dimensional concept
Dimension	The extent to which
Security	Information is restricted appropriately to maintain its security
Timeliness	Information is sufficiently up-to- date for the task at hand
Understandability	Information is easily comprehended
Value-Added	Information is beneficial and provides advantages from its use

b





Recommendations 33 Data Management Maturity								
Entity Type	MDM System of Record	Business Data Steward	-	Data Quality Eval.	Locate using URIs	Service- based Interface	Security Classified	Access Control Established

