

igniteXML

Canonical Model Management

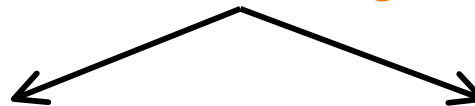
Measuring strategic value



Canonical Model



Two Challenges



Model Management

- λ Import Logical and Physical models
- λ Extend and Combine
- λ Collaborate
- λ Lifecycle Management
 - Impact Analysis
 - Version Control
- λ Needs to fit with existing tooling e.g. SOA Suite & LDM tools

Model Adoption

- λ Ease of use for Business Analysts and Integration Developers to
 - Build Specifications
 - Build Messages / Services
 - Mappings



***Model
Manager***

- λ Stage 1
 - Build Model (physical & logical)
 - Overlay data model relationships



Integration developer

- λ Stage 2
 - Push out model use to Integration Developers



Business Analyst

- λ Stage 3
 - Business Analysts provide specs from the model to Integration Development teams

λ Aligning CMM benefits to key goals in the organization

- Shaving time of project delivery
- Productivity improvement
 - Cost savings
 - More integration with same resource
 - Reducing complexity

λ Quantifying those benefits to create the case for change

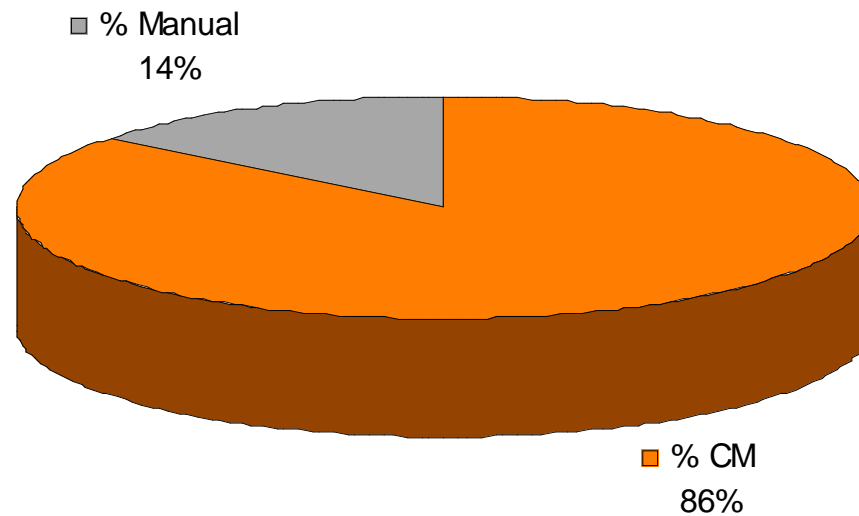


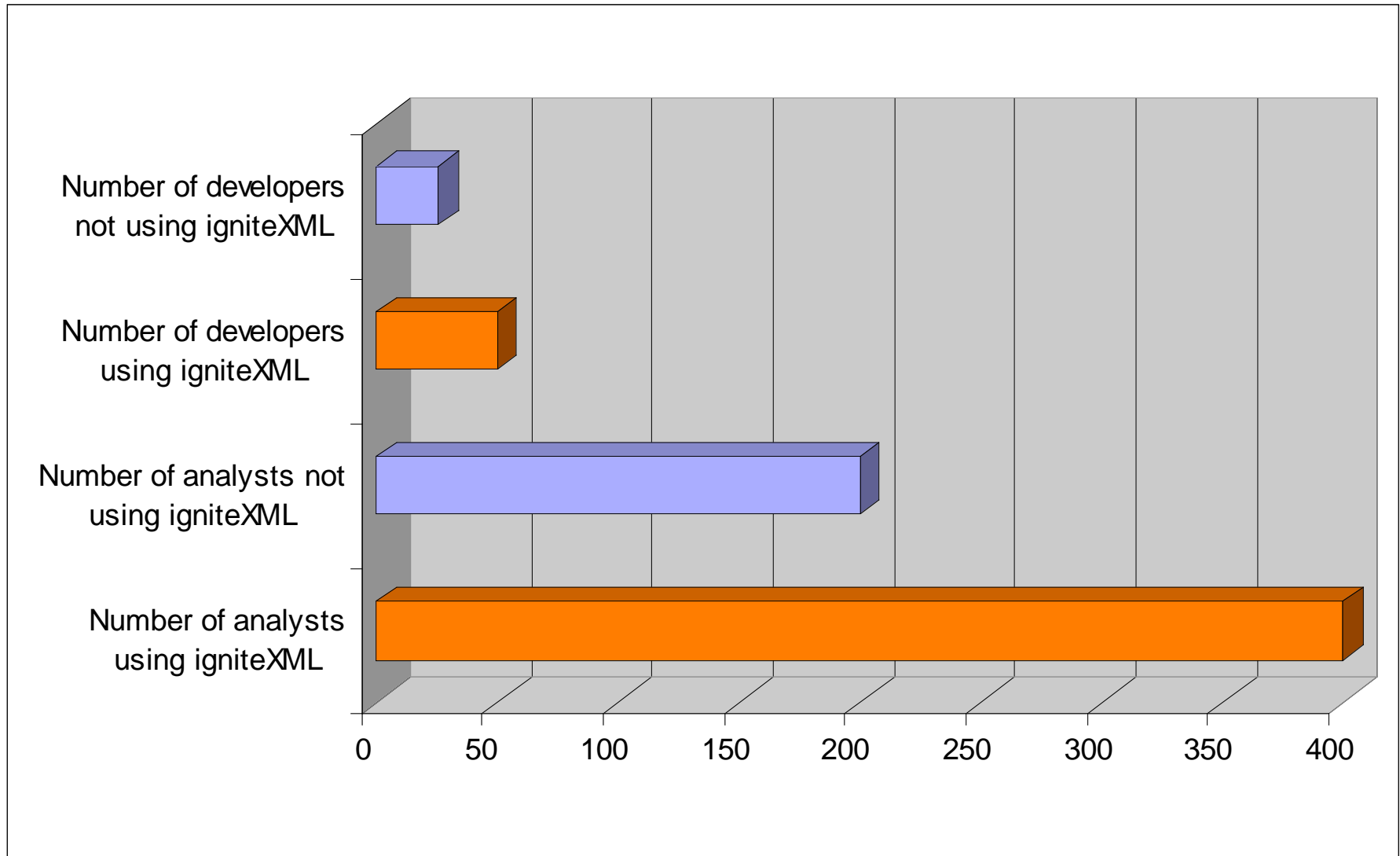


- λ Track model adoption across the enterprise
- λ Calculate project time shaved off
- λ Calculate productivity gains
 - Business Analysts
 - Integration Developers
 - Model Managers



Messages in production built from the CM



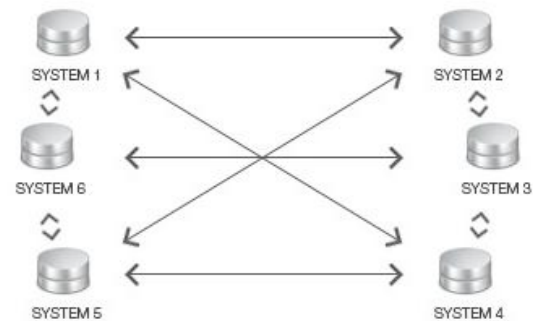


- λ Process Metrics
 - [Reporting Metrics in igniteXML April 2011.xls](#)
- λ Calculate elapsed time saved on a project
- λ Apply to numbers of Business Analysts and Integration Developers to calculate ROI

- λ Typical results
 - Integration project - Shave off 30% or greater elapsed time
 - BA's and ID's are 30% - 50% more productive

What are you comparing to?

λ Point to point integration



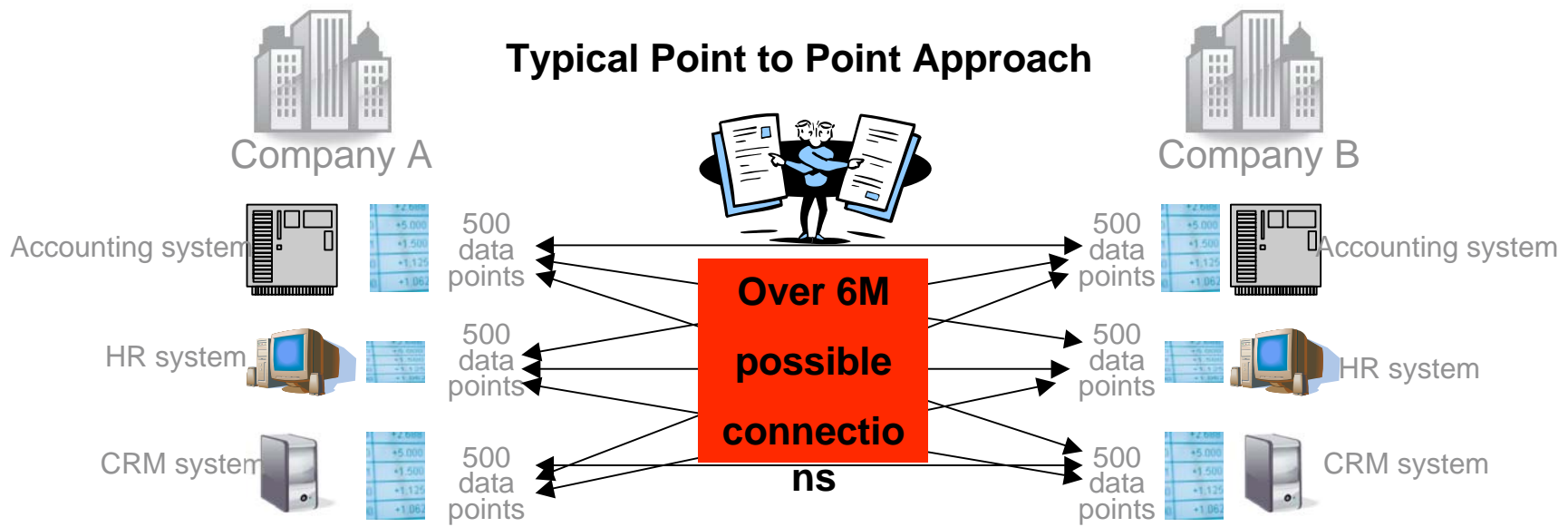
Simplified example of Point-to-Point integration

λ Canonical Schema Management

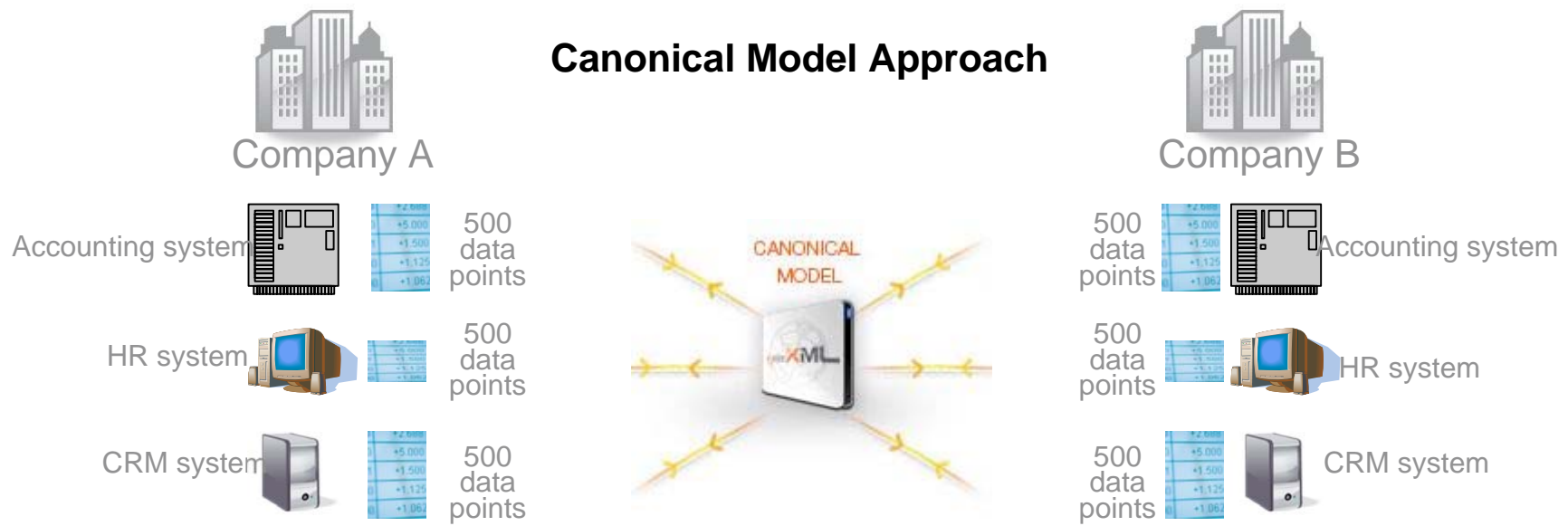


Point to point -A simple M&A example

- λ Company A & B Merge
- λ They target the immediate need to integrate their
 - Accounting system
 - HR System
 - CRM system
- λ They identify 500 data connection points per system

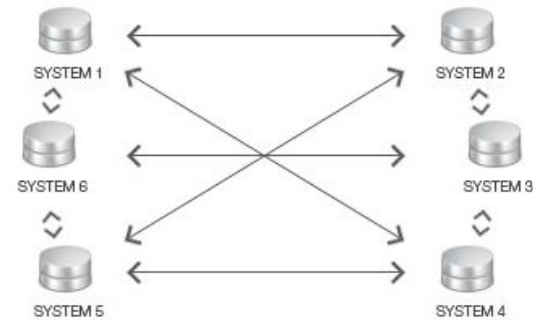


- λ Company A & B Merge
- λ Company A has a Canonical Model in igniteXML
- λ Company B's 1500 points are mapped to the model
- λ Integration team use igniteXML to automatically generate required integration messages.



Example M&A Data Integration project

- λ Point to point integration
 - Time 18 months
 - Cost \$26m
 - Project team 160 in 50 external contractors



Simplified example of Point-to-Point integration

- λ Canonical Model based integration
 - 6 months shaved off project delivery
 - \$16m lower cost
 - Fewer external contractors required



Simplified example of a Canonical Model

λ Organization X

- Central team creating Enterprise XSD's
- Stored in Tibco XML Canon
- 50 teams pulling them out and manually extending them in XML SPY
- Each team had 2 integration developers and 8 Business analysts

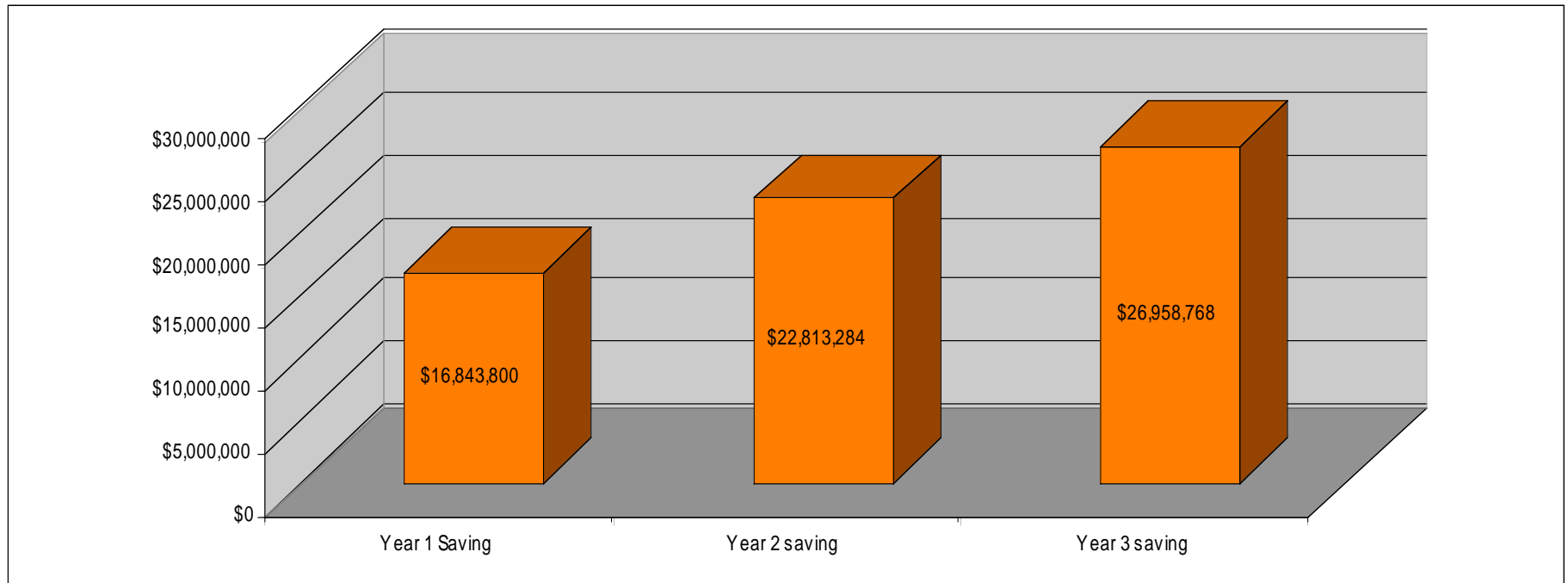


λ Metrics showed a potential for a 30% productivity improvement for 500 people

λ That's 30% more integration with no increase in headcount

λ Or a saving of over \$15m PA

\$66m Saving over 3 years



- λ When setting up your CMM system think ahead on what the strategic goals need to be
- λ Configure the igniteXML metrics to track those goals
- λ Get the sponsor involved early



- λ The strategic value of better integration is well understood
- λ Organizations have already invested in
 - Enterprise Architecture people
 - Enterprise Integration infrastructure
- λ Now is the time for the data in motion



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