The Value of Data Quality Solutions

ABSTRACT

The Customer Data Integration program at National Instruments (NI) was launched in response to longstanding business issues resulting from duplicate and disparate customer data. This data comes into NI via various communication channels and business functions and is stored in various business applications. Couple NI's insufficient capability to search for, and identify customers with the variations that occur in names and addresses, NI saw a constant stream of duplicate customer records. To address these issues, NI purchased IBM's Initiate Master Data Service to implement a customer data integration hub. Source system customer records are loaded into the CDI hub in near real-time, utilizing SOA. Using the CDI hub's probabilistic matching algorithm, duplicate customers are identified and linked together (into a linkage set). In this presentation we will share how we established a game plan, methods we employed, some of our deliverables, the business impacts, and plans for the future.

BIOGRAPHY

Deepa Srinivasan

IT Applications Manager National Instruments

Deepa Srinivasan is an IT Applications Manager responsible for a global team of programmer/analysts at National Instruments (NI). In her role as the program manager for the Customer Data program, Ms. Srinivasan worked closely with business and IT to deliver internal user and external customer facing solutions for NI. Continuing on the journey to improve customer insight for NI, she is currently managing a program to build out a customer product ownership platform and a customer intelligence hub. As an IT professional with 14 years of experience, she has diverse experience in building and growing distributed technical teams, project and program management, and providing architectural guidance for ERP and CRM solutions.

Christine McClary

Internal Consultant, Business Intelligence Group National Instruments

Christine McClary has been with National Instruments since 2000 and is presently an internal consultant in the Business Intelligence group, specializing in data management. She has expertise in the areas of information requirements planning, master data management, customer data integration, data modeling, information quality improvement, and



business metadata management. Christine has over 20 years of experience in information

systems development and implementation at high-tech companies such as NI, GMF Robotics, and Digital Equipment Corp and at food industry companies such as Ben & Jerry's Homemade Inc and Whole Foods Market.





NI's Journey to Improved Customer Insight

DeepaSrinivasan Christine McClary 2011

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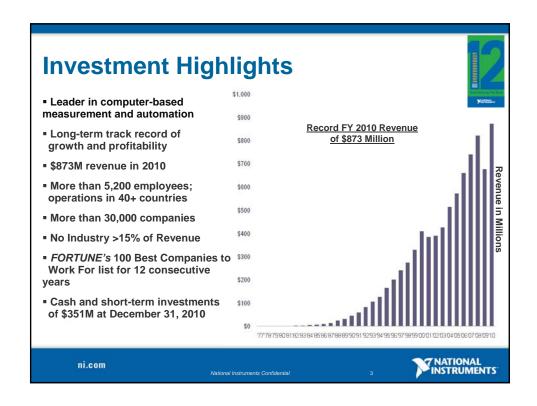
Agenda

- Who is National Instruments (NI)?
- NI's Data Integrity Journey
- Customer Data Foundation
- Leveraging Customer Data across the business
- Building a Successful Customer Data Program
- Evolution of our Customer Data foundation

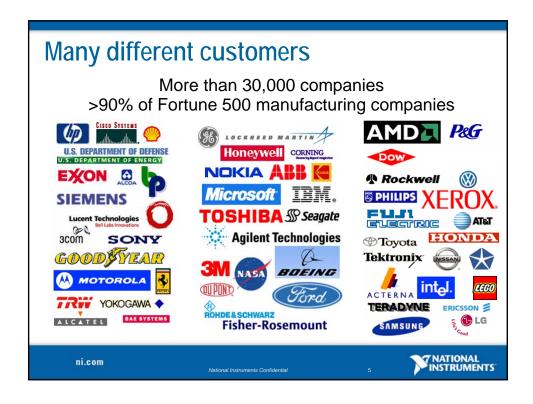
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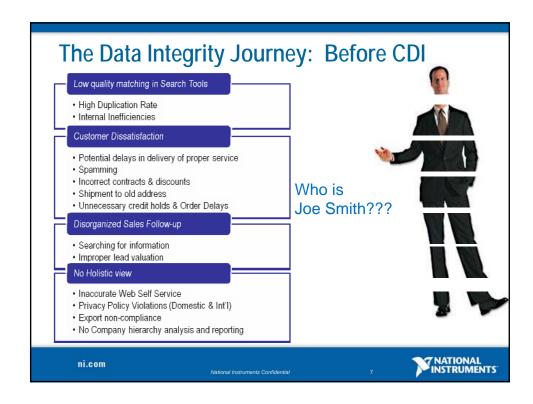




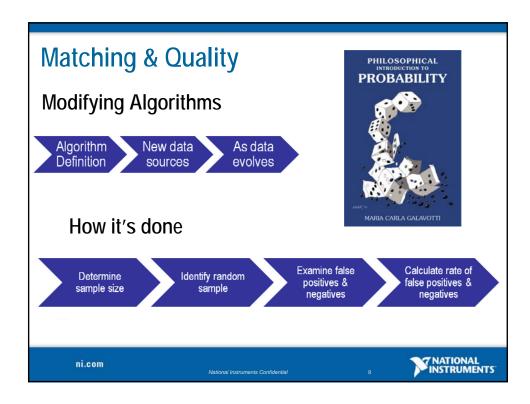


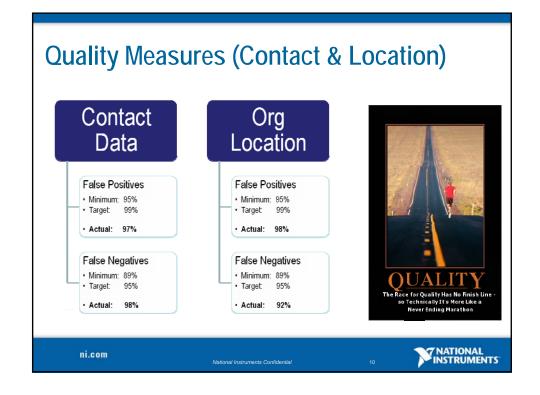


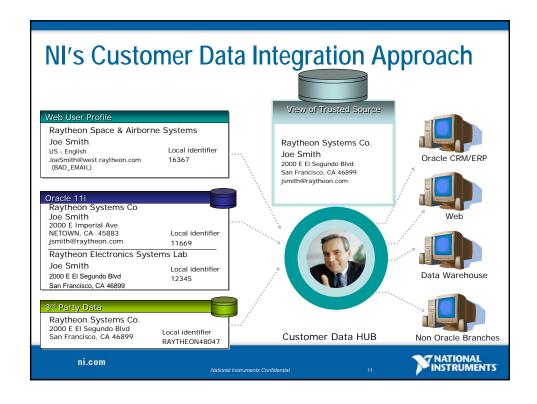


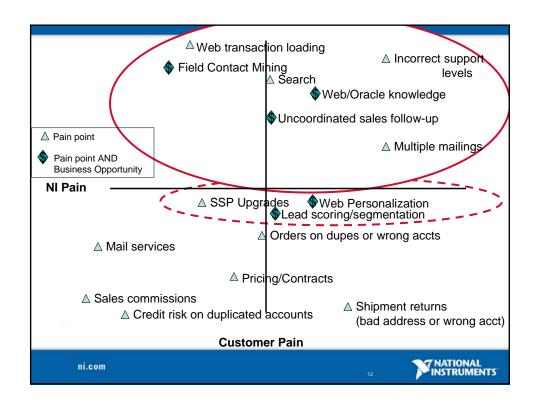


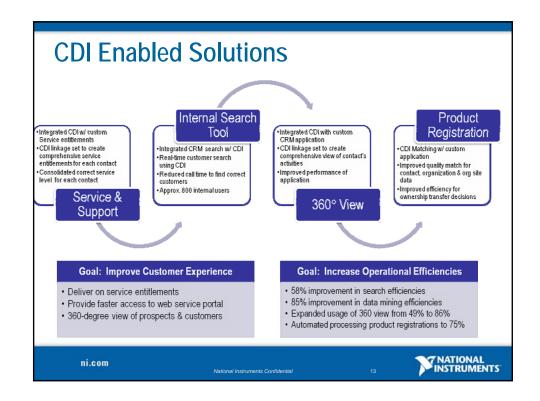


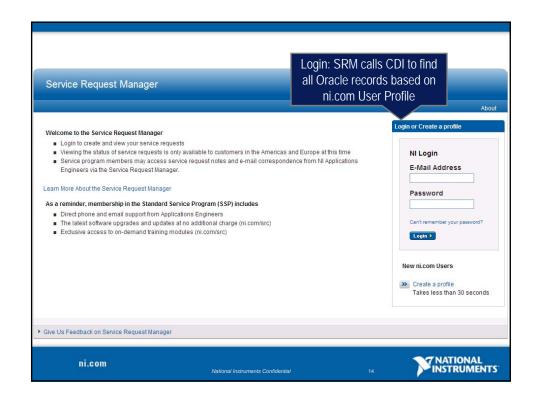




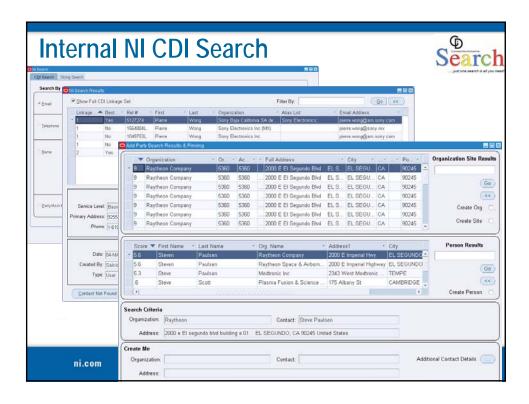


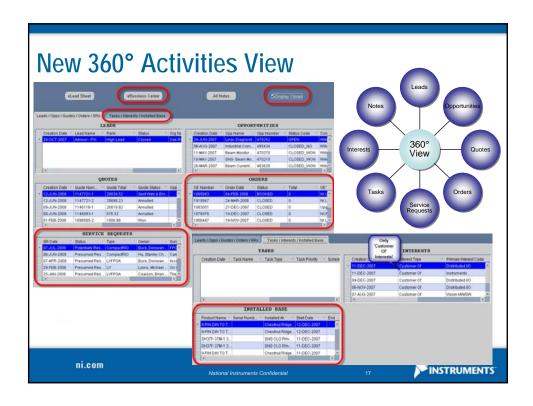


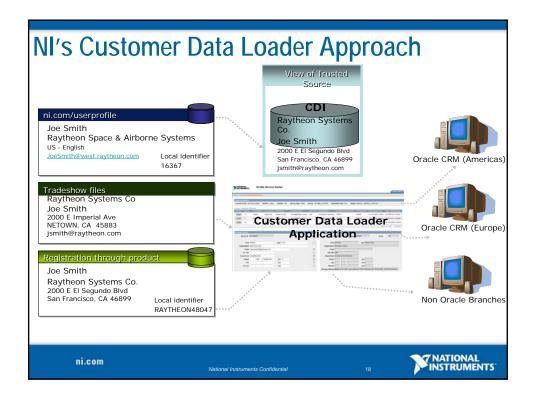


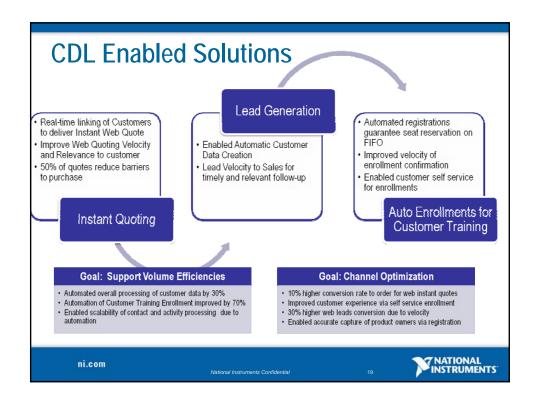


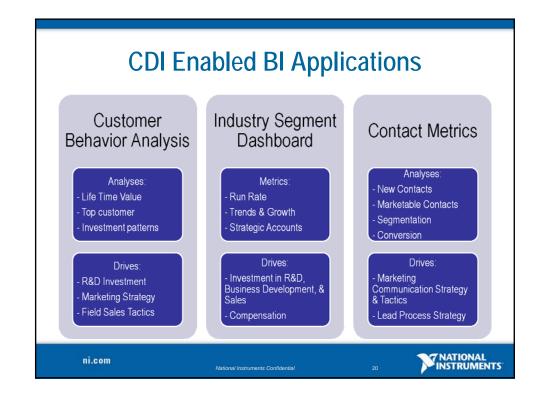


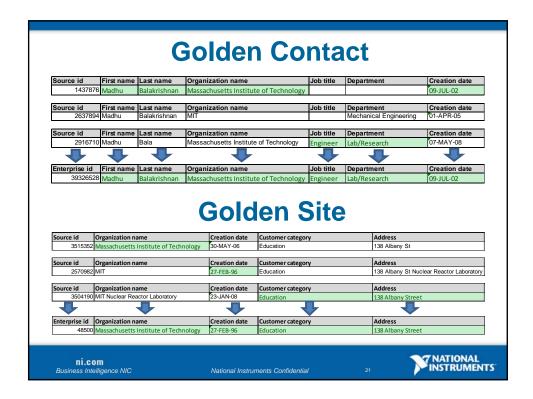












NI Best Practices

Team & Quality

- Executive Sponsorship
- Steering team for alignment and decision making
- · Core team for technical & functional expertise
- Define measurable goals & metrics
- Leverage BI & DW

"Journey" Approach

- Set and manage clear expectations with business and vendor
- · Evangelize use sound bytes
- · Pilot with vendor
- · Phased rollout to balance foundation with business solutions
- Execute an adoption plan
- · Rapid prototyping for complex technical components

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