



# Asset Data Integrity Is Serious Business

*Robert S. DiStefano*

Download now

[Click here](#) if your download doesn't start automatically

# Asset Data Integrity Is Serious Business

*Robert S. DiStefano*

## **Asset Data Integrity Is Serious Business** Robert S. DiStefano

If your asset data is not reliable, you need to convince the organization of the enormous potential that is locked away. To accomplish this, you need to understand the breadth of the problem and the value of solving it. A viable business case for action is needed-so let's get started!

Physical asset data integrity is a critical aspect of every business, often the most valuable asset on the balance sheet, yet it is often overlooked. The data that we have about our assets collectively creates information, provides for accurate analysis and facilitates sound business decisions. Without accuracy of asset data there is a strong potential for poor decisions and their negative consequences. This book will not only provide an appreciation of this fact, it will also provide a road map to achieving value out of something most CEOs, managers, and workers often overlook.

## **The Business Case for Data Integrity**

- Introduction to the Business Case
- Information Overload
- Searching for Data
- Retiring Baby Boomers
- The Brain Drain
- A Business Case Example
- Consistency or Lack Thereof
- The Data Integrity Corporate Entitlement
- Impact on Shareholder Value

## **PART 1: UNDERSTANDING THE IMPORTANCE OF ASSET DATA INTEGRITY**

### **Plant Asset Information - A Keystone for Success**

- Overview
- Who Are The Stakeholders?
- Why We Wrote This Book
- Who Will Benefit?
- What You Will Learn
- Chapter Synopsis
- Let's Get Started

## **What is Data Integrity?**

- Defining the Terms
- Data Elements
- Taxonomy and Why Is It Important?
- What We Are Looking for in Good Data
- The Downside of Poor Data Integrity
- A Word About Information Technology
- Understanding Data Is Just the Beginning

## **The Asset / Data Integrity Life Cycle**

- About Life Cycles
- The Asset Life Cycle
- The Asset Data Life Cycle
- Why the Data Life Cycle is Important
- Roles and Responsibilities Within the Asset Life Cycle
- It Is Never Too Soon To Start
- Life Cycle Links
- Life Cycles as a Foundation

## **Data Integrity at the Task Level**

- Task vs. Strategic
- The Data Integrity Transform
- Data Integrity Tasks
- Reactive Data Integrity
- Proactive Data Integrity
- From Reactive to Proactive

## **Internal Outcomes and Impacts**

- Indirect Impacts
- Decisions Are Just the Beginning
- Indirect Inputs
- Indirect Outputs
- The Legal Umbrella
- Indirect Aspects of the Transform

## **External Outcomes and Impacts**

- External Issues
- Outcomes and Impacts - Partners
- Outcomes and Impacts - Suppliers
- Outcomes and Impacts -Customers
- Outcomes and Impacts -Agencies
- Outcomes and Impacts - Public
- Outcomes and Impacts - Insurance Carriers
- The External Impacts Are Important

## **Information Technology (IT) Problems and Solutions**

- The Implication for IT
- Implications to IT of a Modern Asset Data Management Practice
- The Advent of ERP Systems
- Master Data Management
- The Future

## **PART 2: BUILDING A SOUND DATA INTEGRITY PROCESS**

### **Building an Enterprise-Level Data Integrity Model**

- Historical View
- What Is an Asset?
- Asset Classification
- Static Data vs. Dynamic Data
- The Differences Among Assets, Functional
- Locations and Functional Location Hierarchies
- Other Asset-Related Master Data
- Asset Master Data Structure and Formatting
- Ideal Asset Data Repositories
- Enterprise-Level vs. Plant-Level Asset Data Integrity

### **Building an Enterprise-Level Inventory Catalog Data Integrity Model**

- The Model For Material
- What Is a Spare Part?
- Items Classification
- Static Data vs. Dynamic Data
- Ideal Item Data Repositories
- Enterprise-Level vs. Plant-Level Item Data Integrity

## **Data Integrity Assessment**

- Data Quality Dimensions - The Beginning
- The Approach to the Assessment
- The Initial Steps
- The Assessment-General Comments
- The Assessment Process
- Moving Forward

## **Assessment Details-Assets and Material Items**

- Similar But Different
- Assessing Asset Data
- Assessing Material Data
- Data Strategy Session
- To-Be Taxonomy
- Primary Data Fields
- Class and Subclass
- Manufacturer or Supplier Name
- Asset-Model Number or Serial Number
- Material Items-Manufacturer or Supplier Part Number
- Attribute Templates
- Other Asset Data Fields
- The Goal-Quality Data for the Future

## **Asset Data Clean-Up and Repair**

## **Bibliography**

## **Index**

 [Download Asset Data Integrity Is Serious Business ...pdf](#)

 [Read Online Asset Data Integrity Is Serious Business ...pdf](#)

## **Download and Read Free Online Asset Data Integrity Is Serious Business Robert S. DiStefano**

### **From reader reviews:**

Lynn Gowen: Why don't make it to be your habit? Right now, try to prepare your time to do the important action, like looking for your favorite reserve and reading a reserve. Beside you can solve your trouble; you can add your knowledge by the book entitled Asset Data Integrity Is Serious Business. Try to stumble through book Asset Data Integrity Is Serious Business as your pal. It means that it can to get your friend when you truly feel alone and beside regarding course make you smarter than in the past. Yeah, it is very fortunate for you. The book makes you considerably more confidence because you can know every thing by the book. So , let us make new experience along with knowledge with this book.

Laura Mason: Why? Because this Asset Data Integrity Is Serious Business is an unordinary book that the inside of the reserve waiting for you to snap it but latter it will zap you with the secret that inside. Reading this book adjacent to it was fantastic author who else write the book in such remarkable way makes the content on the inside easier to understand, entertaining technique but still convey the meaning completely. So , it is good for you for not hesitating having this any more or you going to regret it. This book will give you a lot of advantages than the other book possess such as help improving your proficiency and your critical thinking way. So , still want to hesitate having that book? If I were you I will go to the book store hurriedly.

Woodrow Harker: Beside this kind of Asset Data Integrity Is Serious Business in your phone, it can give you a way to get nearer to the new knowledge or facts. The information and the knowledge you will got here is fresh from the oven so don't become worry if you feel like an outdated people live in narrow town. It is good thing to have Asset Data Integrity Is Serious Business because this book offers for you readable information. Do you occasionally have book but you do not get what it's exactly about. Oh come on, that will not happen if you have this inside your hand. The Enjoyable agreement here cannot be questionable, like treasuring beautiful island. So do you still want to miss the item? Find this book and also read it from now!

Ann Gonzalez: Reading a e-book make you to get more knowledge from it. You can take knowledge and information coming from a book. Book is prepared or printed or illustrated from each source that will filled update of news. In this modern era like currently, many ways to get information are available for you actually. From media social such as newspaper, magazines, science publication, encyclopedia, reference book, fresh and comic. You can add your knowledge by that book. Ready to spend your spare time to open your book? Or just searching for the Asset Data Integrity Is Serious Business when you necessary it?

Download and Read Online Asset Data Integrity Is Serious Business Robert S. DiStefano #AZV3GJCTKH4

Read Asset Data Integrity Is Serious Business by Robert S. DiStefano for online ebookAsset Data Integrity Is Serious Business by Robert S. DiStefano Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Asset Data Integrity Is Serious Business by Robert S. DiStefano books to read online. Online Asset Data Integrity Is Serious Business by Robert S. DiStefano ebook PDF downloadAsset Data Integrity Is Serious Business by Robert S. DiStefano DocAsset Data Integrity Is Serious Business by Robert S. DiStefano MobipocketAsset Data Integrity Is Serious Business by Robert S. DiStefano EPub