

If Your Data is in Motion, There is a Likelihood of Data Quality Issues.

Do you trust your third party data?
Is your new core system receiving
trustworthy data?

We can quiz you about your data IQ, but in the end
it always comes to this - do your stakeholders
trust the data they use?

From the second data enters your enterprise and begins
to move, it is vulnerable. Data in motion (a.k.a. transaction
data) flows through many systems before it is used to
produce the value it was intended to create.

Enterprise controls which cover the end-to-end business
processes, rather than simply between systems, follow the
flow of data in motion in order to reduce risk and provide
real-time visibility into the health of your data.

**The key drivers behind data quality are to support
compliance and data governance initiatives.**

Organizations that have a mature process in place for data
quality find that it's far less expensive to fix an issue early
in the process before it cascades into numerous other
systems. It's often difficult and expensive to track down the
root cause of an error after the fact. And when data quality
issues are compliance or customer impacting, it often turns
into a high-visibility management issue.

5 Step Data Quality Framework for Data in Motion

- 1. Discover:** Critical information flows need to be identified and discovered in order to develop metric baselines. All data provisioning systems including external source systems, along with their data lineage, need to be identified and documented. In this phase, source and target system owners should jointly establish data quality criteria and data quality measurement metrics for the key data elements.
- 2. Define:** You must assess data quality risk. This is accomplished by thoroughly defining data quality issues, pain points and risks. Once the risks are evaluated and prioritized, organizations must determine an appropriate response based on a cost-benefit analysis.
- 3. Design:** Appropriate information controls and exception management processes should be designed to address the risks identified in the define phase. Automated controls help avoid sampling errors to gain efficiency.
- 4. Deploy:** Identify which risks require the highest importance and what controls or actions should be deployed. Data quality governance deployment not only includes technology, but the people and processes that can effectively execute the solution.
- 5. Monitor:** Once appropriate controls are in place, you should monitor the data quality indicators established in the discovery phase. Automated continuous monitoring solutions provide the most cost-effective approach for monitoring and supply the best results for operational communication.

Develop, implement and optimize your data management and governance strategy with Infogix.
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