# WILL DATA HELP OR HARM YOUR COMPANY'S QUALITY RECORD?

Unprocessed, raw data presents both opportunity and challenge – particularly when it has unstructured text. Without resources for manual review and coding, many manufacturers simply accept that "data quality will be bad" and apply only more "traditional" tools for analysis of the structured data alone.

*However, traditional tools fail to reveal much of the valuable information in the volumes of data generated each month.  Sole dependence on traditional tools may lead to unpleasant surprises. Your business is always reacting to problems – instead of anticipating and preventing them.*
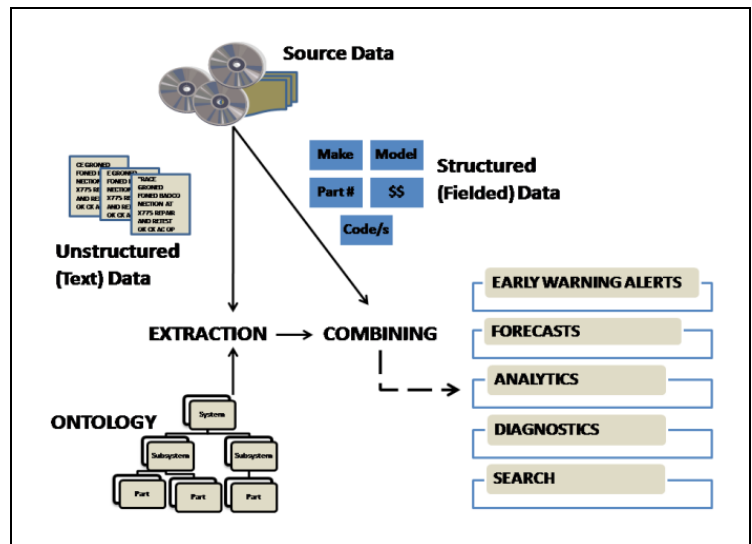
In fact, by ignoring the narrative text component of their data, manufacturers lose both precious time and money by delaying detection of critical problems and failing to spot inconsistencies. In the worst cases, this can result in loss of a customer, a brand-threatening recall, a costly lawsuit or even greater consequences.

*Our RADAR* (*R*ecords *A*nd *D*ata *A*nalysis *R*epository) tools provide a unique, fast and practical means to unlock and to utilize the wealth of information hidden in raw data – even when the data may include narrative text information.

Each data source (such as Warranty Claims, Customer Surveys, Service and Maintenance Records) has a different "angle" on quality issues - and each has its own format, meaning and language. *Ubiquiti RADAR* includes an *expert domain-specific Ontology* against which concepts (more than just words) in the source data are assessed. This approach yields success where other tools may fail on data with misspellings, abbreviations and language differences – and does not require long set-up time and constant maintenance.

When directed at individual or combined data sources, *Ubiquiti RADAR* applies unique and *highly recommended*[1] technologies to:

- ✓ Perform rapid analysis
- ✓ Extract key information (e.g., likely cause)
- ✓ Categorize, group and code records
- ✓ Automatically assign accurate codes (e.g., Labor, Failure, Symptom etc.)
- ✓ Transform text to common formats for further analysis



*Ubiquiti RADAR* handles *numeric, structured and other categorical data as well as text*.

The implementation of a Ubiquiti solution is usually achieved without changes being made to the existing infrastructure or operating procedures.

Our solutions have very intuitive tools to help business users (such as Technicians, Analysts, and Managers) to:

- Organize their data, Perform charting
- Generate formatted reports and dashboards
- Use "drill downs" and other techniques to interrogate and mine the data sets
- Export Ubiquiti-processed data and analyses to other tools for further investigation

## Ask Ubiquiti customers about our technologies and our service.

[1] Solutions from Ubiquiti have *STRONG RECOMMENDATIONS* from our many customers.  We are happy to provide references.

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