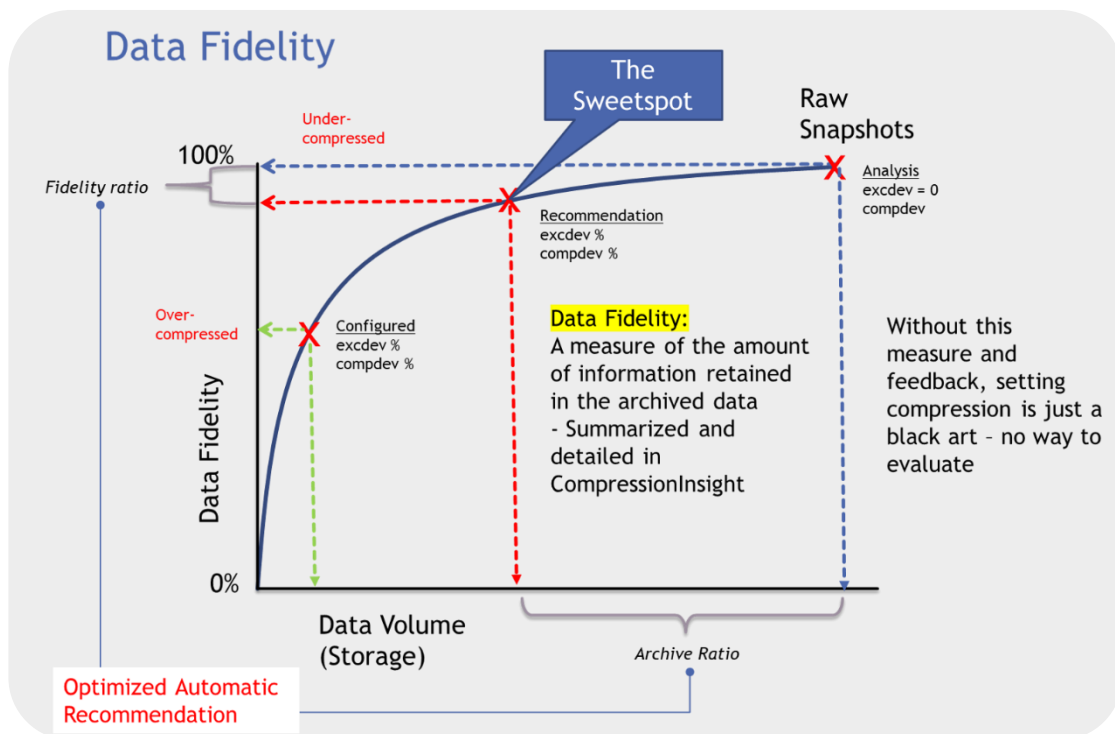




Summary of Changes in CompressionInsight 3.0

1. **Fully automated recommendations** for both over-compressed and under-compressed tags.
 - Color-coded confidence levels have been eliminated.
 - New analysis engine **OPTIMIZES** compression recommendations by evaluating the relationship between data fidelity and archived data volume (*see diagram below*).
 - Objective function weighted towards maximizing data fidelity.
 - Fully automated recommendations reduce need for “manual mode” tweaking but manual mode still available for users to perform “what-if” scenarios by specifying a target fidelity setting.



2. **Tag Behavior Identification** – tags flagged that are:
 - Hard to compress
 - Check signal
 - Flat line

3. [Improved data fidelity recommendations](#) based on removal of outliers in observed span.
4. [Added new metrics summaries](#):
 - Point source
 - Point type
 - Configured span
 - Observed span
 - Observed zero
 - Analysis time summaries:
 - Probe start – time and date when tag was added for analysis
 - Probe duration – length of time tag has been analyzed
 - Probe update – last update to analysis for individual tag based on job scheduler
 - Archive ratio – archived count to snapshot count.
 - Recommended ratio – recommendation count to snapshot count.
5. [Select summary information](#) to display from drop down menus:
 - Eliminated summary view options tab.
 - Categories of information defined for drop down menus:
 - Attributes
 - Performance
 - Probe
6. [User configurable column](#) arrangement:
 - Left click, hold and drag to desired location
7. [Summary information consistent](#) with PI SMT naming conventions:
 - CompMax
 - CompMin
 - Compdev
 - EngUnits
 - ExcMax
 - ExcMin
 - Point Source
 - Point Type
8. [Job scheduler updated](#) to shorten analytic intervals.
9. [Update Point Metrics](#) (name changed from Force Analytics):
 - Will perform analytics for all tags currently included for analysis
10. [Update Point Metrics prompt](#) upon reopening Client.
11. [Summary information provided for “above” category](#):
 - Previously no summary information provided for tags without recommendations
 - Useful for determining why tags are, or remain, in this category for any length of time
 - Review observed scan rates or if snapshots are being collected.
12. [Invalidated category](#):
 - Reflects that tags have been changed by an outside source since being promoted to for analysis.

13. [Manual mode interface opens automatically](#) when manual mode is invoked from Detail View.
 - Streamlined functions
 - Key parameters identified
14. [Save chart function](#) – chart will be saved as a .png file in selected directory.