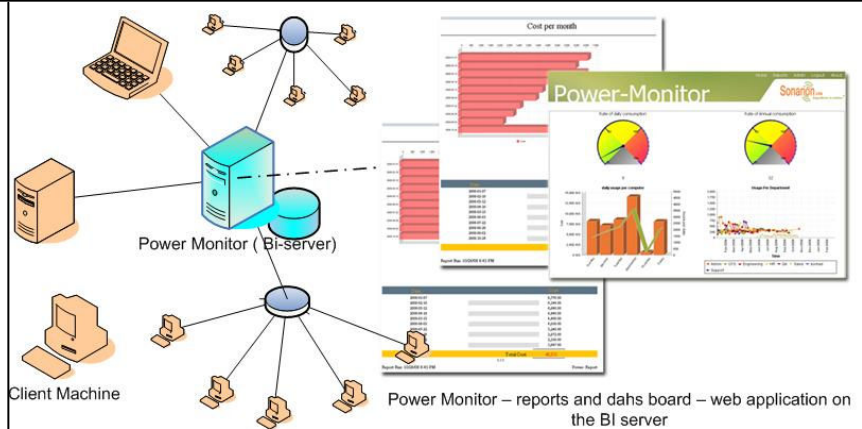


Tools & Methodology

Software tools & Methodological Approach drawing from 6-Sigma

Power-Monitor

Is a Client-Server system .The data that encapsulate the end client activity is flowing to the Business-Intelligence-Server where the power monitor utility runs, there the data is analyzed and displayed over a web dashboard for real-time control of the organizational Energy costs. The analyzed data is given in various reports , each designed to tackle different issue and cause for energy loss.

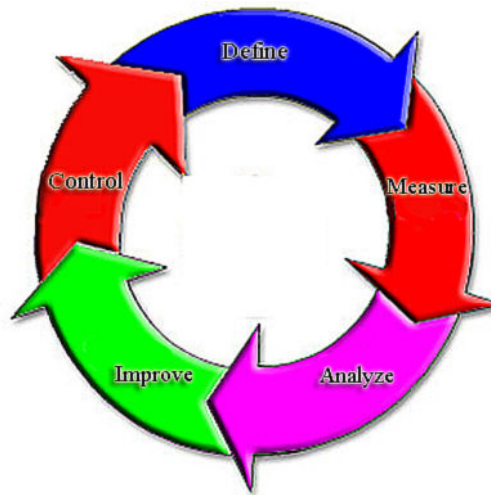


Reducing the organization usage of energy is an ongoing process, where each cycle of saving takes several steps to , Sonarion follow principles from the six Sigma (DMAIC) approach.

DMAIC

The basic methodology consists of the following five steps:

- **Define** Energy improvement goals that are consistent with customer demands and the enterprise strategy.
- **Measure** key aspects of the current Energy spending and collect relevant data using the Power-Monitor System
- **Analyze** the data to establish a baseline and see the major energy leaks and spenders ,attempt to ensure that all factors have been considered.
- **Improve** or optimize the Energy consumption based upon data analysis by informing users , and shutting down unnecessary stations.
- **Control** to ensure that any deviations from target are corrected . Set up control mechanisms and continuously monitor Energy Spending..



Six Sigma is a business management strategy, that today enjoys wide-spread application in many sectors of industry. Six Sigma seeks to identify and remove the causes of defects and errors in manufacturing and business processes. It uses a set of quality management methods, including statistical methods, (Wiki)

Success Stories

DuPont: Six Sigma methodologies applied for identifying over 75 improvement projects, each saving an average of \$250,000 per year.

Continental Tire: Like most manufacturers that seek to control energy costs, Continental pondered a fundamental choice – partner with an energy consultant or use in-house staff and resources. Continental eventually did both, and to good effect – a 31 percent per tire energy-cost reduction.