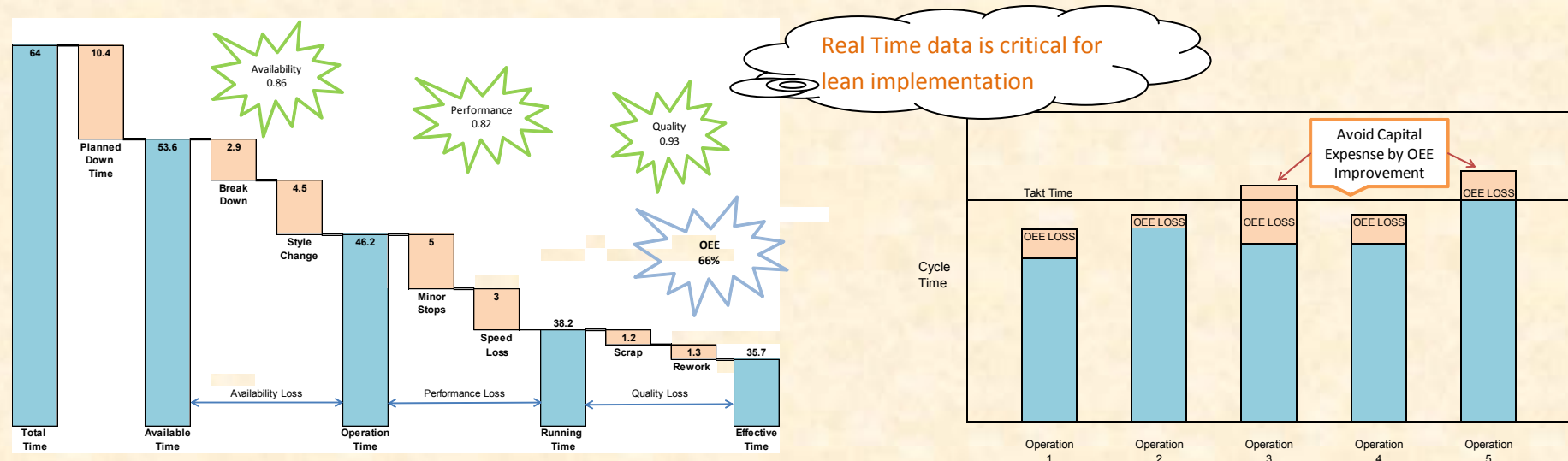


Use INSPIRE to move towards world class manufacturing

How "Inspire" can help you move towards world class manufacturing? The first step for any improvement is measurement, and Inspire gives vital data that can be used for analysis and making transformation using **Lean Manufacturing Techniques**.

Overall Equipment Effectiveness (OEE)- The best method of capturing machine effectiveness is to find out the effective production time out of the total production time. In other words OEE is the ratio of actual good parts produced to the theoretical parts that can be produced.



In a Lean environment, the operations are balanced to the takt time.
Takt time is the rate at which the customer demands the product.

What improvements can be rolled out with the data obtained from INSPIRE ?

1. OEE Improvements can lead to the following benefits:
 - a. Improved yield
 - b. Faster throughput
 - c. Improved Flexibility by reducing Style Change time
 - d. Capacity freed up thereby preventing additional machine investment
 - e. Reduced WIP
 - f. Improved Quality
2. Training need identification can be carried out based on operator information
3. Standard Work can be streamlined and improved based on operator efficiency data generated by INSPIRE

Standard Work: Is easy to understand instructions that establishes the best method of carrying out a manufacturing or transactional process