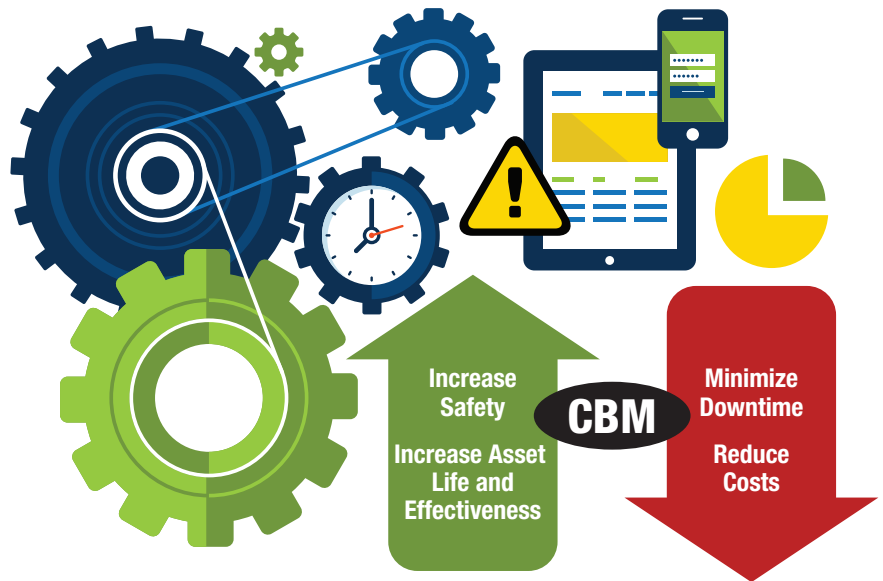


Condition Based Maintenance (CBM)

Operational Sustainability, LLC (OS) offers the **OSSuite™ Condition Based Maintenance (CBM) module** as an integrated approach to reduce the operating costs and increase the safety of assets. Maintenance activities are directed based on equipment operating data, avoiding the often-severe costs of reactive or corrective only maintenance and the unnecessary costs of replacing parts before the end of their useful life simply because scheduled maintenance dictates it.

The OS CBM module gives true visibility across your organization to prevent equipment failures and minimize threats and risks...both known to operators and unknown. Users can establish and monitor limits on equipment, import assets to a watch list, and set alerts for potential problems and failures via advanced detection algorithms. Users can also use the integrated OS Visual Operations for real-time monitoring via a mobile device in the field.



Findings captured are integrated with OSSuite™ Work Management and will trigger necessary work orders to alert maintenance personnel.

As data comes in, diagnostic algorithms work to isolate failures to specific components or subsystems. Prognostic algorithms estimate remaining useful life based on past and future operational profiles and the physics of failure models. Supervisory reasoning algorithms reconcile conflicting information and provide recommendations such as:

- Inspections
- Repairs
- Parts ordering
- Equipment shutdown

No matter the asset or equipment, CBM empowers users with effective decision support through advanced analytics. Bluetooth wireless data acquisition is also available to gather vibration information along with integration to other Predictive Maintenance (PdM) applications.

For more information email us at info@os-orm.com or call (713) 355-2900.