



What is Obsolescence Management

Obsolescence Management (OM) is a structured process designed to influence the design, use and disposal of an asset. The term 'asset', in this regard, means any product, system or platform an organisation has designed to fulfil a purpose.

Obsolescence is a significant cost driver

Early identification of obsolescence risk allows consideration of a broader range of options and, consequently, reduces the actual cost of resolution.

Significant downtime may occur while a new approved source or alternative solution is sought, which may incur significant cost. This can include the requalification or testing of replacement items where necessary. What do you do if a replacement for the failed part is no longer available, can no longer be satisfactorily supported or is no longer procurable from approved sources?

Significant and expensive downtime can occur while a new approved source, or an alternative solution, is sought which may need to be re-qualified and tested before use.

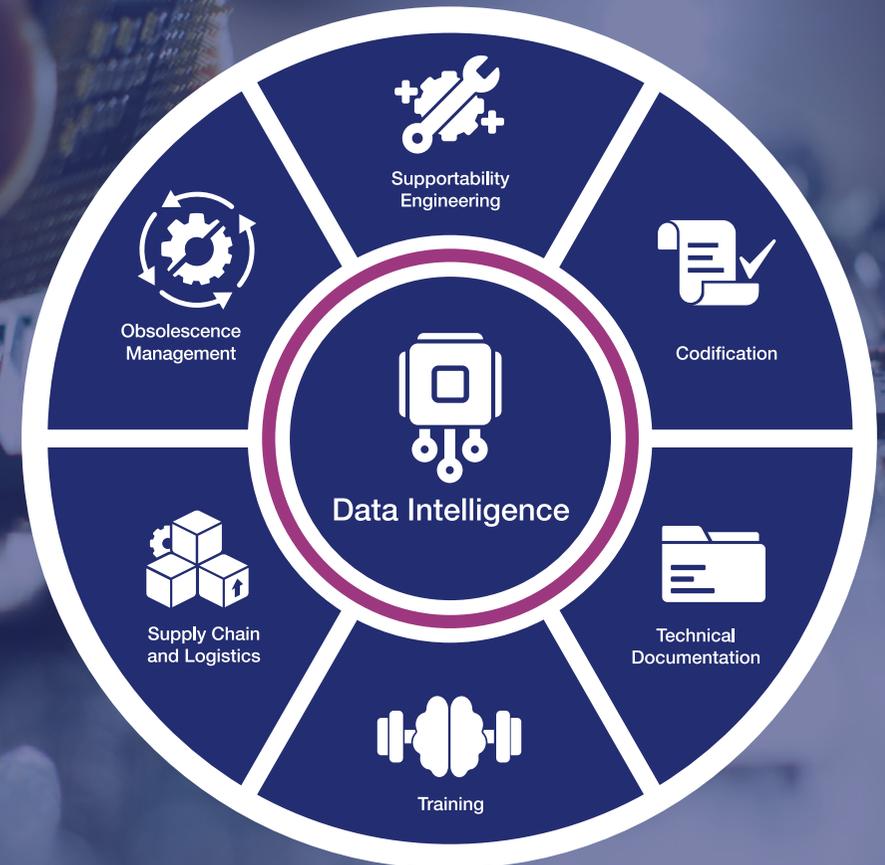
Mitigate risk with our obsolescence management services which include:

- **Supply Chain Management Assessment**
- **Strategy, Plans and Process**
- **Asset Availability**
- **Asset Through Life Risk Analysis**
- **Asset Case Resolution**
- **Cost Avoidance & Prediction Analysis**
- **OM & Counterfeit Training**



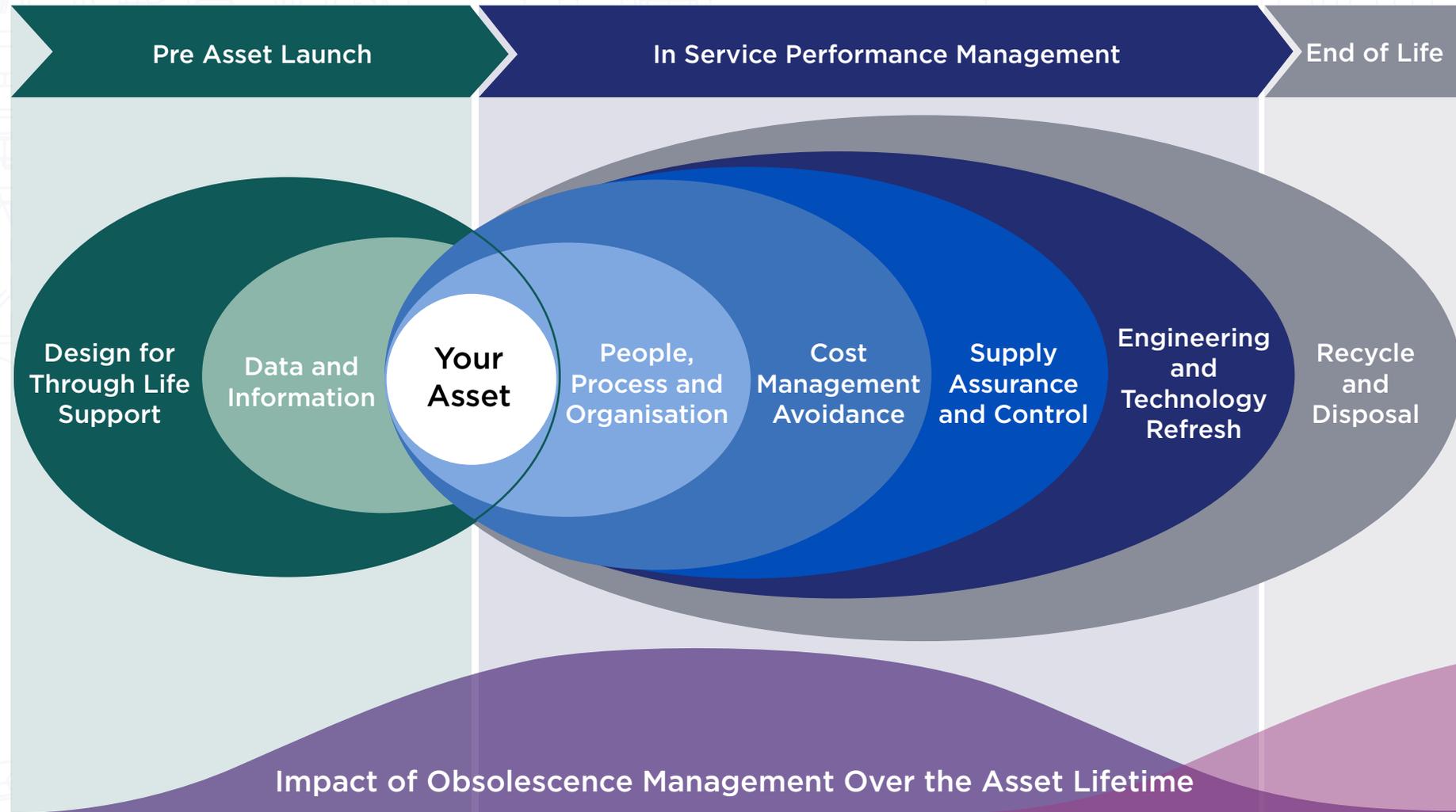
How can Allan Webb help

For over 60 years Allan Webb has been delivering technical support solutions to our clients around the world. Using data intelligence we help you to take back control – reducing costs, improving productivity and ensuring that the right equipment and items are exactly where you need them.



Obsolescence Management touches every aspect of your asset's lifespan

We guide clients through the complete asset life-cycle, from 'pre launch' to 'end of life', helping them to identify and mitigate risk.



Allan Webb offers an **Obsolescence Management service, training** and a **suite of supportability tools**, all designed to support your asset from development, through in-service and to end of life.

Pre Asset Launch

Design for Through Life Support

Influence design time Evaluate alternatives Influence supplier engagement

Whether at the beginning or the end of an asset's life cycle, obsolescence management provides an opportunity to:

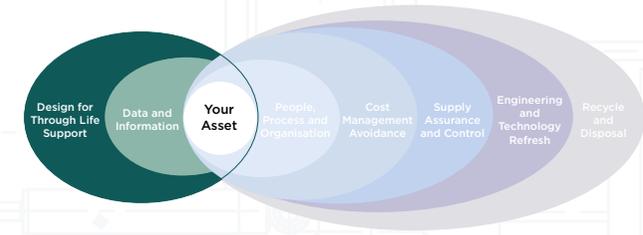
- **Implement technological upgrades to mitigate risk**
- **Create business processes to support the asset**
- **Improve the asset's overall performance**
- **Exploit opportunities to upgrade equipment**
- **Utilise new technologies or manufacturing processes**
- **Design and through life assurance to mitigate for new legislation and/or policy changes**

Make informed decisions by evaluating data surrounding your asset's supply chain to identify OM risk and mitigation.

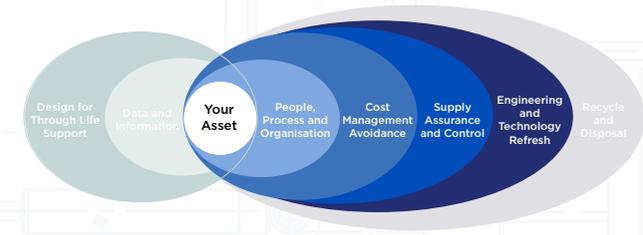
We help you to create data strategies and implement processes to:

- **Collect management data throughout the life cycle of the asset**
- **Ensure data sets remain fit for purpose**
- **Maximise information sharing**
- **Respond to obsolescence scenarios with future models and predictions**

Data and Information



In Service Performance Management



People, Process and Organisation

Your asset's performance is dependent on a integrated ecosystem of people and processes in support of in-service management.

We help you to create data strategies and implement processes to:

- **Map the fitness-for-purpose of current business processes**
- **Identify the business & equipment requirements**
- **Predict future operating models**
- **Help embed new approaches in both the end users and your organisation**
- **Identify points of collaboration**
- **Promoting information sharing and knowledge transfer**
- **Allocate the right resources to the asset life cycle**

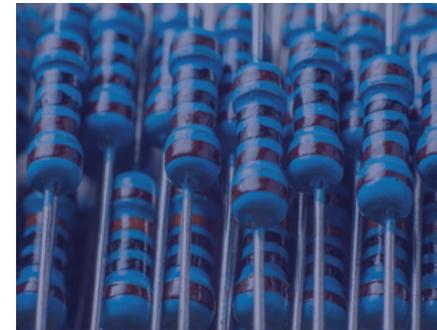


Cost Management Avoidance

Evaluating cost implications of the asset over it's lifetime helps to mitigate and resolve rising costs and risk. This also helps to identify substitutability issues and create stronger support programmes around the asset.

We help you to create data strategies and implement processes to:

- **Forecast budgets over the life cycle**
- **Develop costs for bids / contracts**
- **Development of asset baselines to support the design of the asset for minimum cost**
- **Allow for collaboration across the supply network**
- **Identify the most cost-effective options for mitigation**
- **Take advantage technology trends**



In Service Performance Management

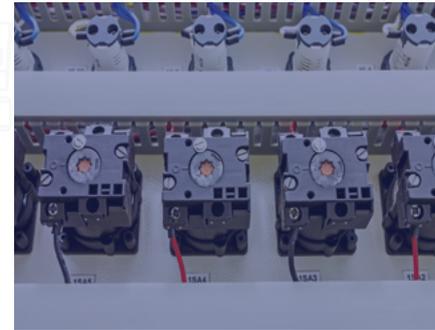


Supply Assurance and Control

Understanding the current and predicted obsolescence status of items is crucial to a pro-active OM capability. Whether a part is obsolete, predicted to be obsolete or an active part with no indication of obsolescence, these factors need to be understood to fully analyse obsolescence risk.

We help you to create data strategies and implement processes to:

- **Determine lines of supply at risk of obsolescence and their potential mitigation**
- **Help drive the provision of service across the supply chain**
- **Model and mitigate for obsolescence scenarios**
- **Identify and mitigate environmental compliance and changing export controls**
- **Dynamic modelling and mitigation for supply chain resilience**



Engineering and Technology Refresh

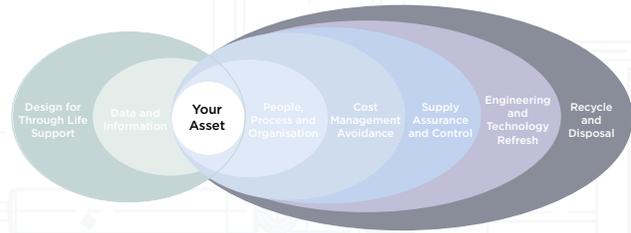
At some point in the lifetime of the asset you will need to consider the costs associated with asset availability and sustainability for example: bridge buys vs. technology refresh to determine the value of a redesign.

We help you to create data strategies and implement processes to:

- **Determine alternative lifetime sustainment options**
- **Plan for predicted updates and technical upgrade**
- **Implement through life management planning**
- **Plan for changes in organisation resources ahead of technology refresh**
- **Plan ahead for capability upgrades of the asset**



End of Life



Recycle and Disposal

Proactive through life planning at the start for the disposal of an asset at the end of its useful life may seem nugatory at such an early stage of the project but, if done correctly, may bring about more commercial and supportability opportunities. Evaluating through life scenarios means the asset could have an end of life value and be recycled.

We help you to create strategies that pro-actively manage:

- **Compliance with guidelines and procedures for the disposal of assets**
- **Through life planning associated with legislative, regulatory and policy relating to safety needs and disposal**
- **Through life sparing policies based on re-claiming assets from out of service platforms**
- **Provision of supportability services for assets that have been mothballed or laid up such as submarines**
- **The provision of technical and supportability information and documentation associated with the asset**
- **The provision of up to date configuration management information that totally describes the asset**

Allan Webb has developed a complete, fully integrated range of Obsolescence Management Tools allowing you to effectively manage obsolescence.

Find out more about our DiamondWebb suite of tools.





AllanWebb

Obsolescence Management Services

- Supply Chain Management Assessment
- Strategy, Plans and Process
- Asset Availability
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