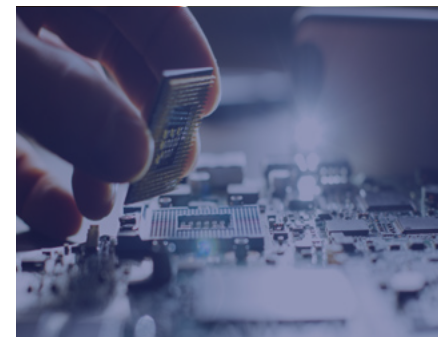
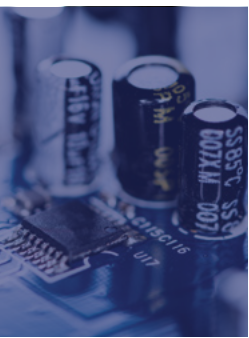
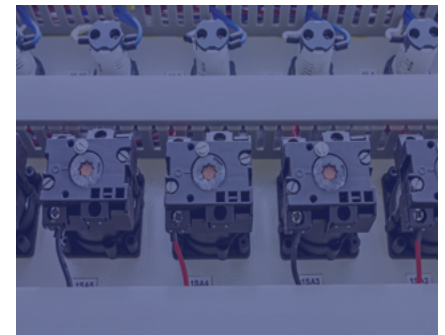




A large central graphic with a dark blue background. It features a grid of red and blue dots forming a perspective view. The text "DiamondOM®" is prominently displayed in white, with "Asset Management Tool" written below it in a smaller font. The text is enclosed in a white square frame.





# AllanWebb

## We take a holistic approach to your asset lifecycle to drive cost-efficiency.

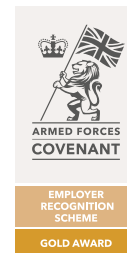
Allan Webb has over 60 years' experience providing a wide range of data analytics and supportability engineering services including obsolescence management to help customers optimise their asset performance and support solution sustainability.

### We help our customers to mitigate risk with our obsolescence management services including:

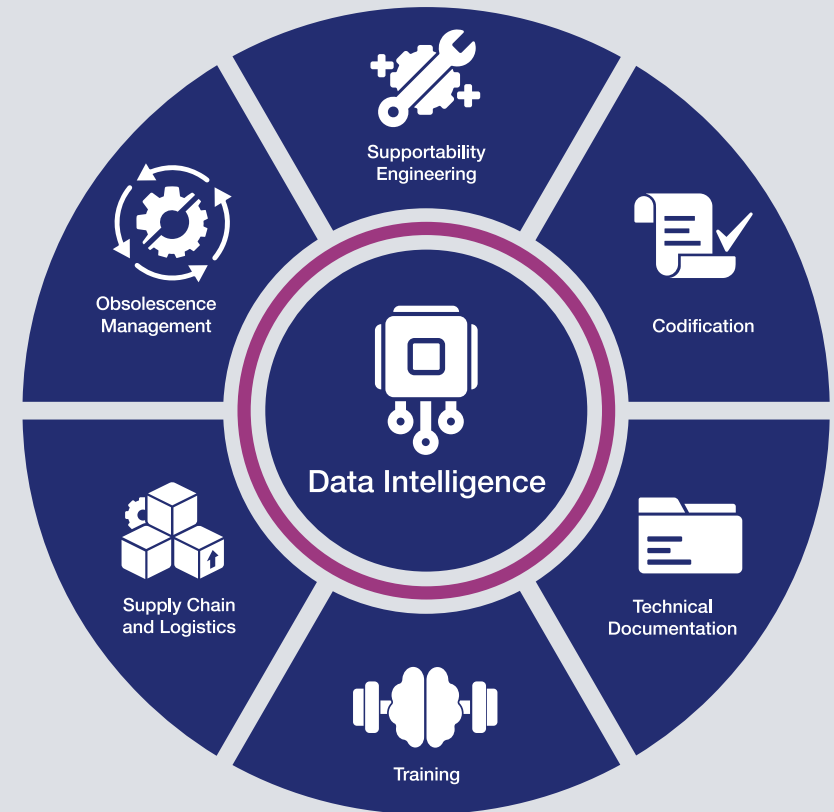
- Supply Chain Management Assessment
- Strategy, Plans and Process
- Asset Availability
- Asset Through Life Risk Analysis
- Asset Case Resolution
- Cost Avoidance & Prediction Analysis
- OM & Counterfeit Training



We are members of the International Institute of Obsolescence Managers (IIOM) and are an accredited training provider of the IIOM Obsolescence Management training course and examination. Training courses are developed and delivered by IIOM certified trainers and over the last 12 months AWL has worked closely with the IIOM to move this learning into an e-learning format, running the courses through a series of webinars resulting in strong, positive feedback from our students.



## Allan Webb Core Services:



# Mitigate risk

# Make informed decisions

# Reduce costs

Allan Webb's DiamondOM® tool has proven invaluable to so many customers across a broad range of industrial domains and sectors, helping them to understand effective asset management and providing the data intelligence to enable them to make informed decisions.

One key supportability factor is obsolescence management which impacts all of the lines of development associated with an asset's performance and sustainment. We pro-actively support clients to develop and optimise obsolescence managed services into business processes and interfaces, to create information management systems.



For a free a demonstration of DiamondOM please email [sales@allanwebb.co.uk](mailto:sales@allanwebb.co.uk) or call +44 (0)1453 824 581

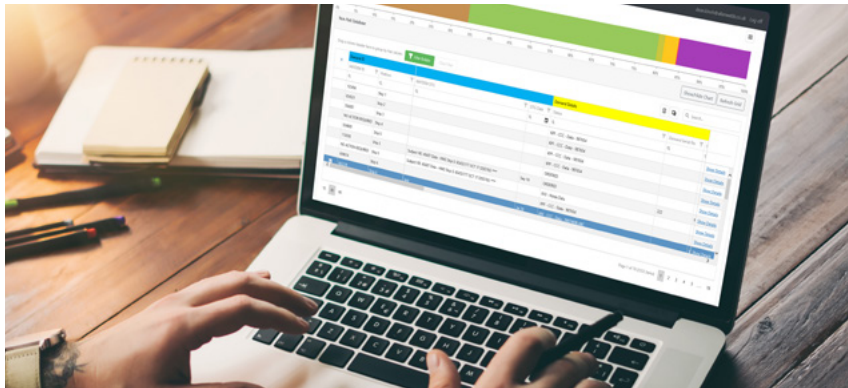
## Fully integrated solution for the effective management of obsolescence.

DiamondOM is accessed via a web based interface and is hosted on a secure server which is accessed over the internet. All related asset data is controlled and access and permissions are managed by AWL ensuring that specific information is secure and available to users with specific access to read/write privileges.

DiamondOM is tailored to provide a complete proactive obsolescence management environment with a wide range of supportability services that can be used to either augment an existing OM capability to enable real-time asset availability and support solution demands in support of making informed decision making.

### Benefits:

- Make informed decisions on asset performance and sustainability
- Understand the obsolescence cost & risk and develop mitigation strategies
- Provision of a secure portal & environment to host clients Bills of Materials
- Interface DiamondOM to client's asset information management systems
- Bespoke risk reporting at the asset level through to BoM indenture



(256 bit) Encryption, can be hosted on clients restricted network.

## BoM Data Analytics

### Data Sources Input into Asset Risk Analysis

Technical Documentation  
Inventory Management System  
Materiel Management System  
Configuration Management System  
Maintenance Instructions  
Parts Catalogues  
NATO Stock Numbers  
Technical Datum Pack & Information

# DiamondOM<sup>®</sup>

### Outputs from the tool include:

Data is cleansed to remove errors and inconsistencies  
Identify the uniques and used on asset relationship  
Status the item iaw IEC 62402 risk algorithm  
Produce a managed BoM

Raw data Bill of Materials.  
AWL and customer agree  
item/asset strategy

### Risk Assessment & BoM Cleansing

- Initial filtering with customer
- Identify low risk items
- Items with stock near end of life
- Data scrubbing
- Inventory check
- Technology refresh strategy
- Through life management plans
- Cost forecast analysis
- Asset/item performance data
- Operation/mission criticality
- Obsolescence criticality
- Legislation & policy check

The Managed BoM is loaded  
into DiamondOM

## Multiple data sources determine asset performance & sustainability

### Status & Monitoring

Determine item/asset obsolescence status & availability

Continual monitoring of item/asset status & availability

Manage status alerts & end of life notices

Parametric studies to identify FFF alternatives

#### Four Stage Process:

1. Database mining
2. Internet data mining
3. Vendor/OEM engagement
4. Request for quotation email

### Risk Analysis

Assets are placed into the appropriate risk category

- Obsolete
- Active
- End of Life
- Unknown
- Proprietary
- New
- No Match

### Case Management

#### Case Management:

1. An integrated module & process
2. Cases raised against high risk complex items
3. Resolution option analysis using engineering judgment
4. Acceptance based on cost modelling

#### Collaborative integration:

1. Cases raised & managed
2. Integrated process to resolution
3. Using best practise

### Cost & Performance

#### Asset Cost Analysis:

1. The obsolescence cost during a defined Epoch
2. Mitigation options and resolution costs
3. Budget forecasting rather unplanned
4. Develop whole life cost of ownership

#### Asset Performance:

1. Assess asset operational performance
2. Integrate OM into business processes
3. Support solution optimisation
4. Increased asset sustainability

### Legislation & Policy

#### Typical influences are:

- RoHS
- REACH
- WEEE
- ITAR
- EAR99
- Counterfeit alerts
- Conflict minerals
- Export licensing controls

# DiamondOM<sup>®</sup>



Customer A

DiamondOM is protected with high (256 bit) encryption that ensures transactions and all sensitive information is secure



Customer B

UK MoD projects are hosted & managed on the restricted network

Customer portal with real-time asset analysis and reporting

### Mitigate risk with our obsolescence management services 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

### Allan Webb Core Services

- Technical Publications and Documentation
- Supportability Engineering
- NATO Codification
- Supply Chain and Logistics
- Training

Using data analytics to make informed decisions on asset performance & sustainability



AllanWebb

# Obsolescence Management Services

- 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



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