



# Obsolescence Management – Success factor for your products

Take a look from the future at your  
products of today and tomorrow.

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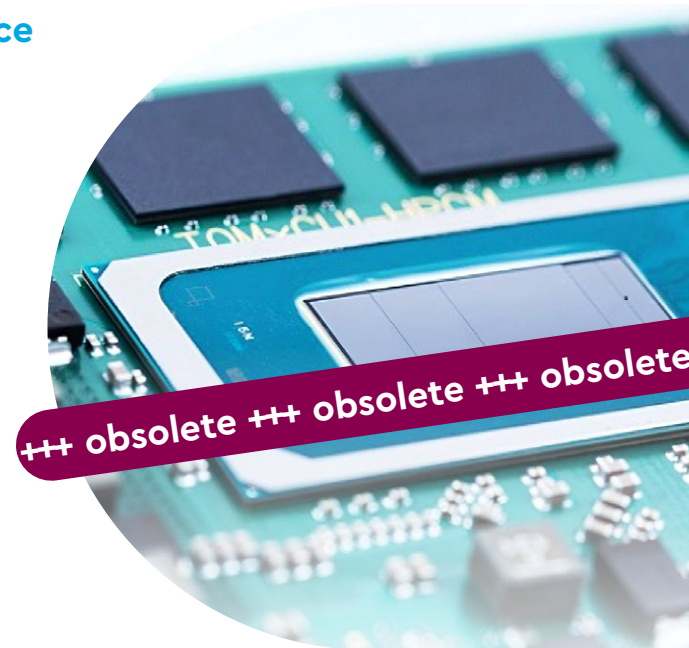
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**Obsolescence is unavoidable and associated with high costs.  
Accordingly, the impact and the associated costs need to be  
reduced through active management.**

## Introduction to the world of obsolescence

Obsolescence is the transition from original manufacturer availability to non-availability. It includes electronics, mechanics, processes, and knowledge in equal measure.

Obsolescence Management is essential, to ensure the long-term availability of products with the required quality at minimized costs.



## Triggers of obsolescence

- Innovation cycles are constantly shortening
- Component availability is strongly oriented towards the dominant end customer market
- Manufacturer mergers and (partial) acquisitions reduce manufacturer component landscape
- Lack of economic efficiency
- Regulatory requirements (RoHS, REACH, TSCA, POP, PFAS, license rights...) and the associated bans on ingredients, material compliance, environmental management
- Changes to the specifications of components by the manufacturers
- Geopolitical situations
- Allocations, closures of production facilities due to e.g.: environmental disasters
- Functional obsolescence due to evolution of product requirements

**Technological change, market requirements, regulation – the end of long-lasting systems?**



**Active Obsolescence Management reduces your risk**



## Strategic

Strategic component selection

Define 2nd and 3rd source

OM plan with catalogue of actions

Workshops

Consulting

## Proactive

Bill of material analyses

Continuous monitoring

## Reactive

EOL/PCN management

Last Time Buy/  
Life Time Buy

Cost-intensive  
emergency purchases

Search for alternatives

Long-term storage

Engineering Services

## TQ Obsolescence Management – Services

### Reactive

is only concerned in the event of a change, or obsolescence with possible consequences and their removal

### Proactive

act on already existing projects before a case of obsolescence has occurred, and define actions early

### Strategic

comprehensive management process, which already begins in the development phase and accompanies the entire life cycle

All services can be individually combined and customised.

**We look forward to support with your requirements.**





**Active Obsolescence  
Management ensures  
the sustainability of your  
products**





## Your benefits of an active Obsolescence Management

- Ensuring the long-term availability of devices and systems
- Early detection of obsolescence risks
- Cost overview over the entire product life cycle
- Compliance with regulatory requirements
- Avoidance of unexpected re-qualifications and re-designs
- Fulfilment of the need for spare parts and contractual product requirements
- Avoidance of cost-intensive and uncertain broker purchases



**Your all-in-one  
carefree package**

## Your plus with TQ

- All from a single source - from development and material compliance to after-sales service
- We protect your products against unexpected costs with foresight
- Reliable information thanks to market proximity and intensive manufacturer & supplier partnerships
- Assured process & data quality through system-side automation using the latest technologies
- Competent specialists in our own central department
- Faster and safer on the market with TQ's own products thanks to integrated Obsolescence Management
- Obsolescence processes in accordance with the current version of IEC 62402
- Our membership of the industry association COG Deutschland (Component Obsolescence Group Deutschland) e.V.  
You will benefit from the latest developments in the field of Obsolescence!



Shaping the future  
with Obsolescence Management –  
sustainable, safe, successful



## Are you interested?

Please contact us directly -  
We look forward to your enquiry!

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