



LEVERAGE ASSET INFORMATION TO INCREASE LIFECYCLE VALUE

Asset Information Management made easy

Keeping Asset Information in sync with the Real World

Having the right information about physical assets, like trains and rail infrastructure, is essential for asset managers to make informed decisions about maintenance, modifications, safety and availability of these assets. This implies managing a large amount of information and data like drawings, specifications, schematics, standards, maintenance records and geographical data in a wide variety of formats, databases and many locations.

However, assets itself are not static but subject to constant change due to maintenance and projects to modify and extend the assets. These projects, in many cases, are executed by outside contractors, requiring a handover of a lot of information after the completion of the project to the asset management organization.

Corrective Actions

Managing information about assets throughout its lifecycle (design-build-operate-dispose) is a real

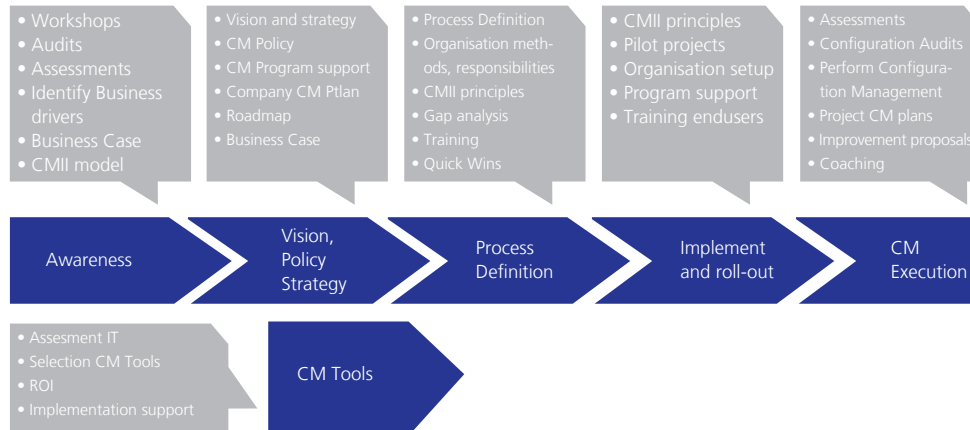
challenge that requires the right processes and collaboration of many stakeholders.

Failing to do so will result in extra cost to evaluate and inspect the assets before a modification or in making incorrect decisions about the state of the asset resulting in corrective actions.

This could have been avoided if the real world and the information about the real world were synchronized and this information would have been clear, concise and valid!



Our Configuration Management Services



Configuration Management

The basis for Asset Information Management is Configuration Management (CM); the process of managing assets, products, installations and processes by managing all related information, including the changes.

CMII is the model wherein Configuration Management, Project management and Quality Control are used in a project. The scope of CMII includes all design and process information that influence safety, quality, planning cost, profit and environment. In CMII the next activities are combined in one cohesive unit:

- Requirements Management
- Change Management
- Release Management
- Data Management
- Records Management
- Document and library control
- Supporting software tools

ADSE has adopted CMII as a guideline for Asset Information Management. The emphasis of CMII is about providing an efficient and effective change process. The use of standards, "best practices", clear sets of requirements and clear communication to all persons involved will prevent mistakes and the associated costs. This results in a clear savings of costs and increasing the performance and value of the assets. By a clear identification of the changes and the involved documentation that needs revision it is logical to define the necessary activities and their planning. This provides the basis for solid asset management based on asset information.



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"ADSE can help your organization to improve your asset information management process by applying best practices based on CMII and our own practical experience in industry domains like rail, aerospace and defence"

ADSE and CMII

The CMII model has been developed by the Institute of Configuration Management (ICM) and is represented in Europe by GfKM. ADSE is a CMII Europe Solution Partner to help your organization to implement CMII by Consulting, Coaching, Monitoring and Assessments services. For more information about CMII see: www.icmhq.com and www.gfkm.de

ADSE is an independent consulting and engineering company active in the market areas of Aerospace, Defence, and Infrastructure and Rail Transport. We are a versatile and committed service provider and you will appreciate our systematic approach and technical knowledge as crucial to achieve process improvement, product development and efficiency. We structure, develop and use a hands-on approach to improvement. From advice through to project execution we find solutions in collaboration with our customers. Our added value is based on capabilities such as specification, integration and certification of technical solutions together with technical project management. We have experienced consultants and best practices that we can personalise to our customers needs, helping them to manage and realize their ideas for the future.

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