

Five Phases of a Deighton Software Implementation

Implementation Service	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Initialization Meeting	●				
Review of Existing Data Sources	●				
Summary of New Network Data	●				
Location of Additional Inventory Data	●				
Structure Database	●				
Load Inventory and Condition Data	●				
Deliver Database for Review	●	→			
Parameter Development Meeting		●			
Establish Indexes from Condition Data		●			
Asset Family and Performance Curve Development		●			
Establish Treatment Alternative Options		●			
Define Treatment Triggers		●			
Define Economic Parameters		●			
Analysis Parameter Review Meeting		●	→		
Load Network Condition Data			●		
Generate Treatment Strategies			●		
Optimize Network			●		
Review Recommended Programme			●	→	
Deliver & Install Software				●	
Presentation & Training				●	
Final Report				●	→
Post Implementation Services					●

◀ The five phases, and associated services defined by the Deighton implementation methodology.

● **Phase 1: Project Initialization**
 During the project initialization phase we work with you to define your specific system requirements and identify the supporting tasks to be completed in order to ensure the project is a success. The purpose of this phase is to make your existing data transition into the new asset management system as efficient as possible without the need for data reprocessing due to data discrepancies. This phase focuses on understanding the functional requirements of the new asset management system, the data that is to be collected for the asset type, the format in which the data will be delivered and the possible data interactions with your other systems.

● **Phase 2: Database & Model Development**
 The database and model development phase involves both the implementation team and your employees to develop and configure the dTIMS CT database so that it will accept such data as; inventory, condition and use data for the entire network infrastructure or for any one single asset. A portion of the database development phase will include creating the actual asset perspectives and transformations to store the data and convert it into index information for use in the analysis modules of dTIMS CT.

● **Phase 3: Analysis Parameter Development**
 The goal of this phase is to establish the parameters that will be used to develop the foundation for the asset management system analysis. From these initial underlying parameters, the complete asset management analysis can be mapped out and designed from the bottom up. The parameters that will be investigated will include condition indices, performance models, treatments strategies and budget scenarios. Your existing employees will play a vital role in this

phase to define a set of parameters that will help dTIMS CT satisfy your current and future asset management analysis and reporting requirements.

● **Phase 4: Installation & Training**
 The final phase of the implementation process involves training on-site following the installation of your new asset management system. The specialized course is intended to review the operation of dTIMS CT with the selected end users. The system will be fully functional when delivered and will allow training to be accomplished using your existing data and the resulting recommended maintenance and rehabilitation program from the asset management analysis. The training program is a hands-on workshop environment ensuring agency wide adoption of the new asset management system. A short presentation to upper management is often incorporated as part of the training session and gives an executive summary of the results of an analysis.

● **Phase 5: Post Implementation**
 Through the utilization of Deighton's post implementation services we can provide around the clock dedicated support and technical guidance to your agency ensuring that not only is your investment being used but continues to deliver repeatable and accurate results. In addition to our standard telephone support, our post implementation services group provide you with a wide range of tools including: additional training and technical support, attendance to live web based training and web forums, advanced notification concerning upcoming product features, access to our dedicated support server and a client area available 24/7 where you may download various presentations and papers concerning various aspects of asset management.

