STAGE ONE ASSESSMENT

The Sector7 Stage One Assessment

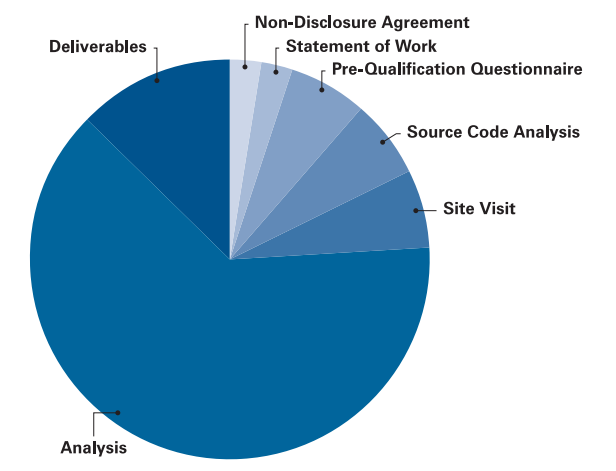
The first question Sector7 is often asked by a client when discussing a rehosting project is "How much will it cost?" When it comes to rehosting complex applications from one platform to another, this is a lot like asking the length of a piece of string before it's unraveled – we simply do not know. The nature of modern operating systems, and the variety of development tools and middleware makes it almost impossible to generalize the **cost** of a rehosting project. It is impossible to guarantee a project price solely on number of lines of code — that code could also incorporate calls to external functionality that increases the complexity of the application.

Sector7's Stage One Assessment can provide an answer to this question. The entire environment is reviewed for porting to the desired platform. Sector7 reviews all of the software components such as: language, databases, user interfaces, communications and third-party software. Sector7 can then determine the rough order of magnitude of price and duration for a project. Typically, the objective is to provide a Budget and Planning price to within ±30%.

Elements of the Assessment

The Stage One Assessment cannot be rushed because of the interdependencies of the process. Below is an outline, based on previous experience, of the expected time for each element. ***Because no two rehosting projects are the same, and because of geographical and time-zone differences, these should be used for guidance only.*** Time shown is measured in units of working days.

- Non-Disclosure Agreement – 1 ~ 2 days
- Statement of Work – 1 ~ 2 days
- Technical Overview Questionnaire – 2 ~ 5 days
- Source Code Analysis – 2 ~ 5 days
- Site Visit – 2 ~ 5 days
- Analysis – up to 10 working weeks depending on the scope and nature of the project
- Deliverables – 5 ~ 10 days



Non-Disclosure Agreement

Prior to any investigation of client code, all parties with access to client-confidential information, for the purposes of the Stage One Assessment and any subsequent work, must complete the Sector7 Non-Disclosure Agreement. This provides mutual protection of interests for all parties involved.

Objective: All parties involved must complete the Sector7 Non-Disclosure Agreement.

Statement of Work

Sector7 will prepare a Statement of Work for the Stage One Assessment. It will describe the expected tasks and deliverables, and where applicable, the price.

Objective: Supply the client with a Statement of Work for a Stage One Assessment to be performed by Sector7.

Technical Overview Questionnaire

It is important for Sector7 to have an understanding of the client's environment, so that Sector7 can plan accordingly for the Stage One Assessment, and also prepare a Statement of Work appropriate to the client. While the client is not required to complete all of the questions, the more accurate and detailed information provided to Sector7, the better the Stage One Assessment. Sector7 asks the client to devote a reasonable amount of time and effort to answering the questionnaire as best they can.

Objective: The client should complete as much of the Sector7 Technical Overview Questionnaire as possible/appropriate and return it to Sector7. The sooner this is done, the sooner we can move on to the next stage.

Prerequisite: Completed Sector7 Non-Disclosure Agreement.

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Source Code Analysis

It is important that, before the site visit, Sector7 Assessment Engineers have access to the source code for all application(s) to be rehosted. This allows Sector7 to assess the complexity of the code using automated scanning tools, and to identify any/all uses of platform dependant code/functionality. Used in conjunction with the Technical Overview Questionnaire, Sector7's Assessment Engineers can completely plan the Site Visit.

Objective: The client should supply all application source code to Sector7. The sooner this is done, the sooner the project moves forward.

Prerequisite: Completed Technical Overview Questionnaire.

Site Visit

In order to provide an accurate review of the client's working environment, it will be necessary for Sector7 Rehosting Assessment Engineers to visit the client's site to gather information from both their commercial and technical staff. The Sector7 Rehosting Assessment Engineer prepares an agenda for the site visit, collects technical details of the current environment, collects code on media for analysis at Sector7's premises, sets client expectations for delivery of Sector7 analysis.

Tasks: During the site visit, the Sector7 Rehosting Assessment Engineer(s) will perform the tasks necessary to correctly evaluate the client's current environment as required for the purposes of the Stage One Assessment. Tasks include, but are not limited to:

- Understanding existing testing environment and determining testing needed to validate rehosting the code.
- Understanding application build procedures. The ability to quickly build the application will impact the cost of rehosting.
- Inventorying the code.
- Reviewing code for porting complexity.

Objective: For the Sector7 Rehosting Assessment Engineer(s) to gather sufficient information to facilitate (1) production of the Stage One Assessment Report, (2) associated Project Plan and, (3) Statement of Work.

Prerequisite: The site visit can be scheduled only after (1) the Technical Overview Questionnaire has been returned to Sector7, (2) a Purchase Order referring to the Stage One Assessment Statement of Work has been supplied and, (3) the Site Visit Agenda has been agreed upon by all parties.

Determining Rehosting Approach

- Are compilers available for the source language(s) on the target platform? If not, determine and recommend a source code rehosting strategy.
- Is the existing file-system/ database portable to the target platform? If not, determine and recommend a replacement.
- Is the existing user interface portable to the target platform? If not, determine and recommend a replacement.
- Is the existing communication methodology portable to the target platform? If not, determine and recommend a replacement.

Sector7 Deliverable

The Stage One Assessment Report collates the findings from the Technical Overview Questionnaire, Source Code Analysis and Site Visit, then recommends an approach for rehosting the application.

The report incorporates the following information:

- Executive summary
- Situational analysis
- Migration approach
- Migration tasks
- Application inventory and metrics
- A Budget and Planning price to within ±30% to perform the migration

Included with the Stage One Assessment Report is an Outline Project Plan detailing:

- Task list
- Resource list
- Dependencies
- Task duration
- Price per task

Objective: For Sector7 to supply a Stage One Assessment Report and associated documentation sufficient for the client to make a decision to move forward to the next step.

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