eCube Systems Professional Services
Migration Planning Questionnaire
Entera 2.1/3.2 -> Entera 4.0

ENTERA/TCP: Migration Planning and Estimation Questionnaire

Please complete one questionnaire for each major application to be migrated

A) Application Functionality

Describe function of application to be migrated and primary purpose of migration. Please include any special operating requirements (eg 7 x 24 operation).

B) Server Hardware

Describe the hardware platforms that the Entera Servers run on.

Please include machine model, OS type/version, and the percentage of servers that run on each machine if multiple server machines are used. Also, where appropriate please state the purpose of each machine such as fail-over, db server etc. Also, detail any plans to change/upgrade the hardware or OS as part of the migration or in the near future.

C) Databases

Describe what databases are being accessed by Entera data access servers. Please include platform and version for each. Include details on any gateways or intermediate software being used in conjunction with Entera. Do you plan to move to a new database or database version as part of the migration, or in the near future?

D) Mainframe connectivity

Does this application link to a mainframe. If so please describe the mainframe environment and how the link is effected (eg screen scraping via OEC3270).

E) MQM, CORBA , DCOM, TP monitors, Web etc

Does the application use/ interface with other middleware or third party software such as MQM, DCOM, CORBA, TP monitors, etc. If so please describe what software is involved, and how the interface is implemented.

F) Functionality Servers

Please break down individually by Entera Version, Platform, and server language.

Entera Version:
Platform:
Server language:
Number of server interfaces:
Average number of functions per interface:

G) Data Access Servers:
Please break down individually by Entera Version, Platform/OS, and database.

Entera Version:
Platform and OS level:
Database and version:
Number of regular data access servers?
Number of interfaces (eg data access server SQL files)?
Average no of functions per interface?
Are stored procedures used?
Are dedicated servers implemented?
Are variable named data access servers implemented?

H) Advanced (Transactional) Data Access Servers

Is Entera/Fx being used for performance, transaction control, both, or other?
Number of interfaces:
Average number of functions per interface:
Is two-phased commit used?
Is cursor processing used?
Is ad-hoc function used?
Are transaction servers compiled statically or dynamically?

I) Client applications

Describe client environment. Break down by Entera Version, Platform(s) including OS,
GUIs used and Versions, and number of applications/GUI. Also, detail any plans to upgrade/migrate the
GUI software or client platform in the near future. If batch clients are used please include language and
platform of these clients also. If using PowerBuilder please also mention whether RPC Painter is being
used.

J) Brokers
What is the broker architecture? How many brokers are used?
Are there multiple brokers running on the same physical host? If so, what is the purpose of these brokers
(separate applications, redundancy, etc.)?
Are broker hierarchies used?
Are parallel brokers used?

K) AppMinder and NetMinder
Is AppMinder or NetMinder used? If so, which?
Is it used in conjunction with scripts?

L) Security
Is Entera/TCP security implemented? If not, is a third-party security infrastructure implemented in
conjunction with Entera? Are there any other security concerns that may need to be addressed when
migrating to Entera 4?

M) OLEnterprise, MAMBO, Internet Launcher
Are any of the above products being used?

N) Deployment

Describe how the application is deployed.

What is the total number of clients that access the servers?

How often are the servers restarted?

Describe any scripts used as part of the application.

O) Customization

Describe any customization relating to the Entera portion of the application. This should include any stub modifications, custom wrappers, etc.

P) Performance & Operating issues

Detail any performance issues, unresolved support/technical issues, operating problems or usage issues relating to the Entera application.

Q) DCE Adapter

Is the DCE Adapter currently being used?

The DCE Adapter allows clients outside a DCE cell or Entera cell to access servers inside the cell. It consists of a gateway piece that resides inside a DCE cell or Entera 4 environment, and an Adapter client that resides on client machines.

If Windows 3.1, OS/2 or Macintosh is being used for client applications, we may explore using the DCE Adapter to allow these platforms access to Entera 4 servers. If this is the case and you would like to assess the possibility of using the DCE Adapter please answer the following questions.

What platform will host the Gateway (server)?
What platform will host the Adapter client?

Are you currently the using Entera/TCP API?
Would you consider moving the clients to Windows 95/98/NT?

Do you expect to use the new database features in Entera 4, such as context handles?

What language or GUI is used on the client side (eg Visual Basic, PowerBuilder)?

Is security an issue, and if so, would you be using DCE security or GSSAPI?

R) Additional Information

Please add any additional information that has not been addressed above and that you feel may be relevant to your migration to Entera 4.