

Make yourself comfortable.
Play it safe.



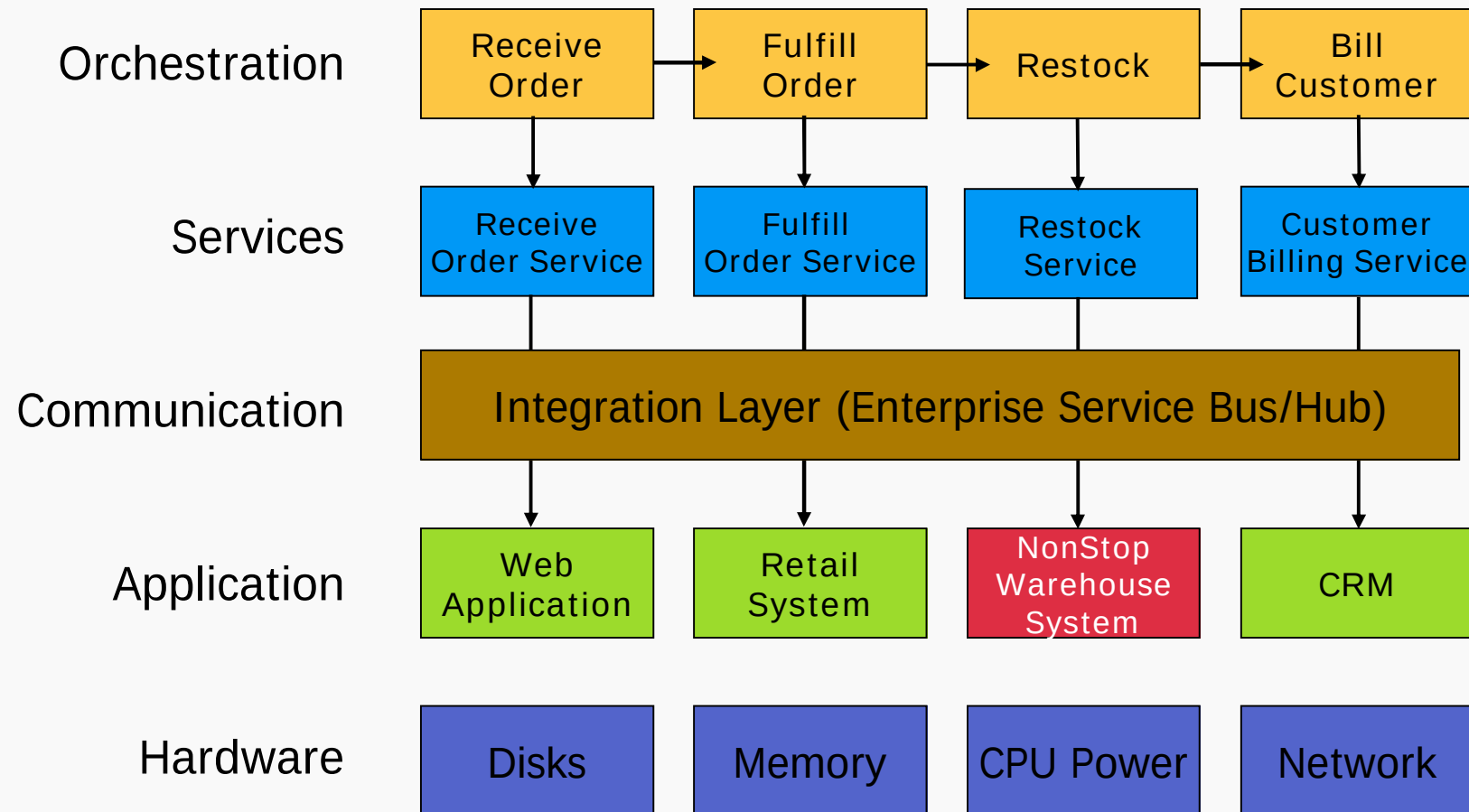
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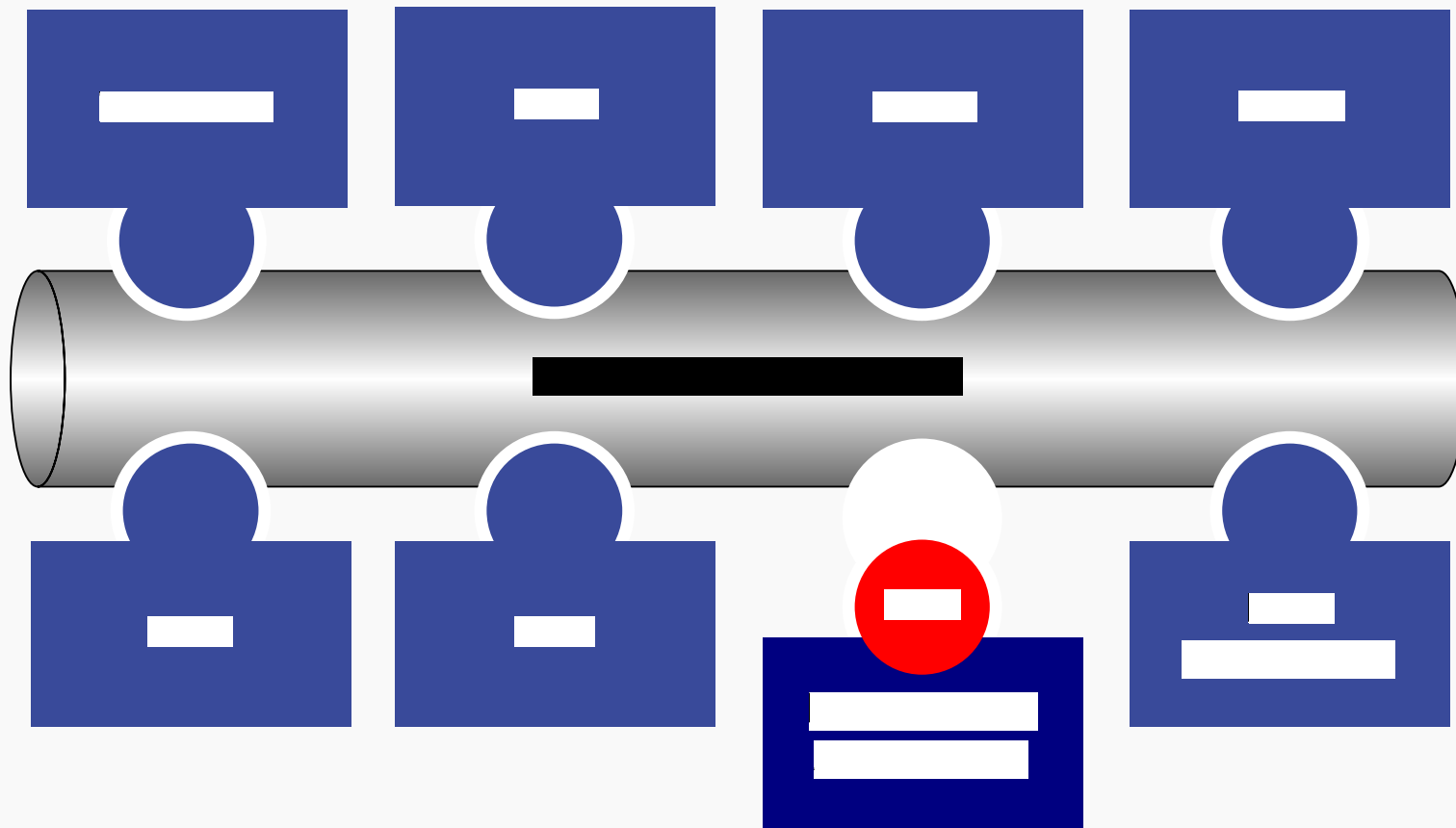
Client Server Link

Integrating HP Nonstop into a
Service Oriented Architecture

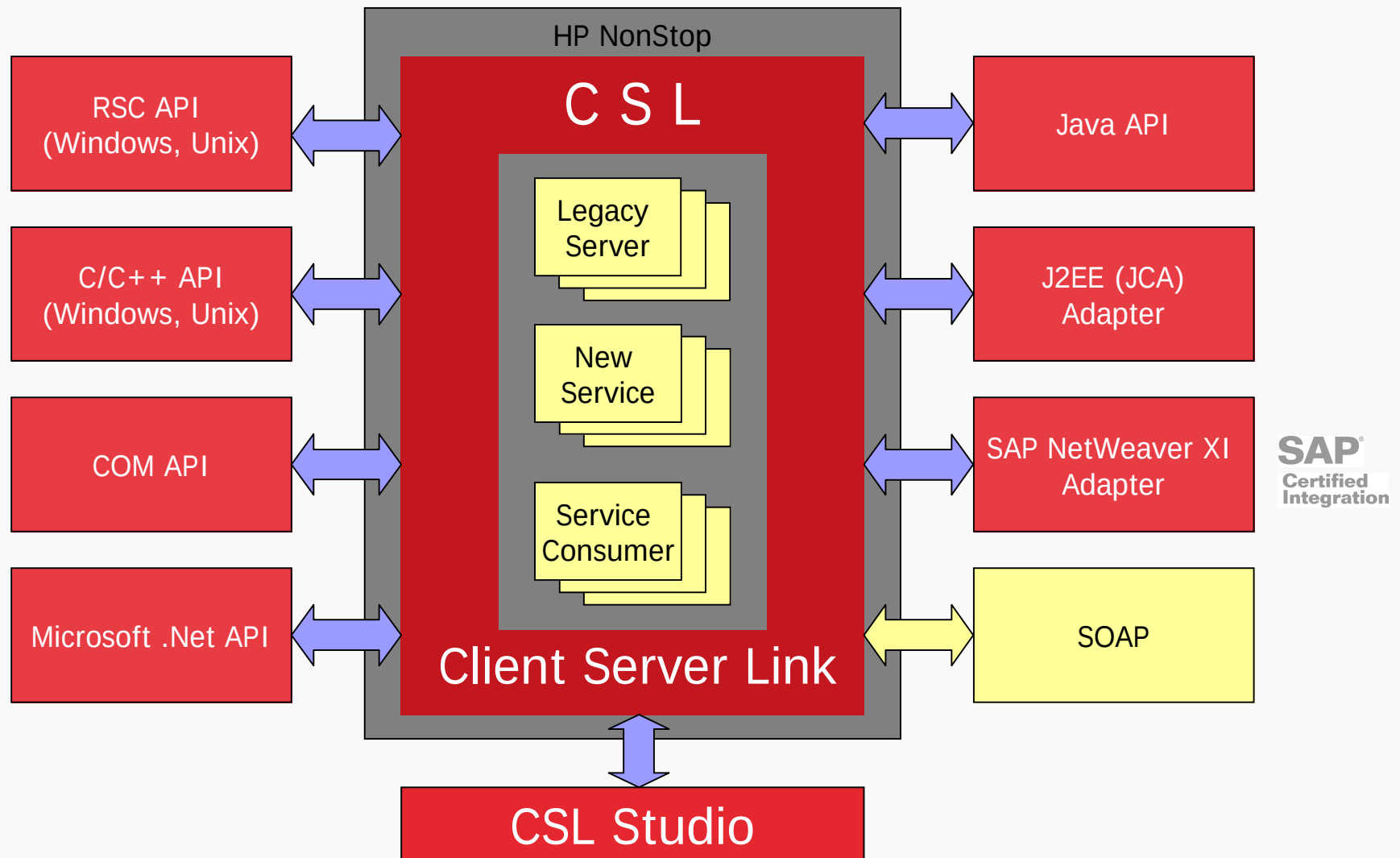
A Sample Business Process based on SOA



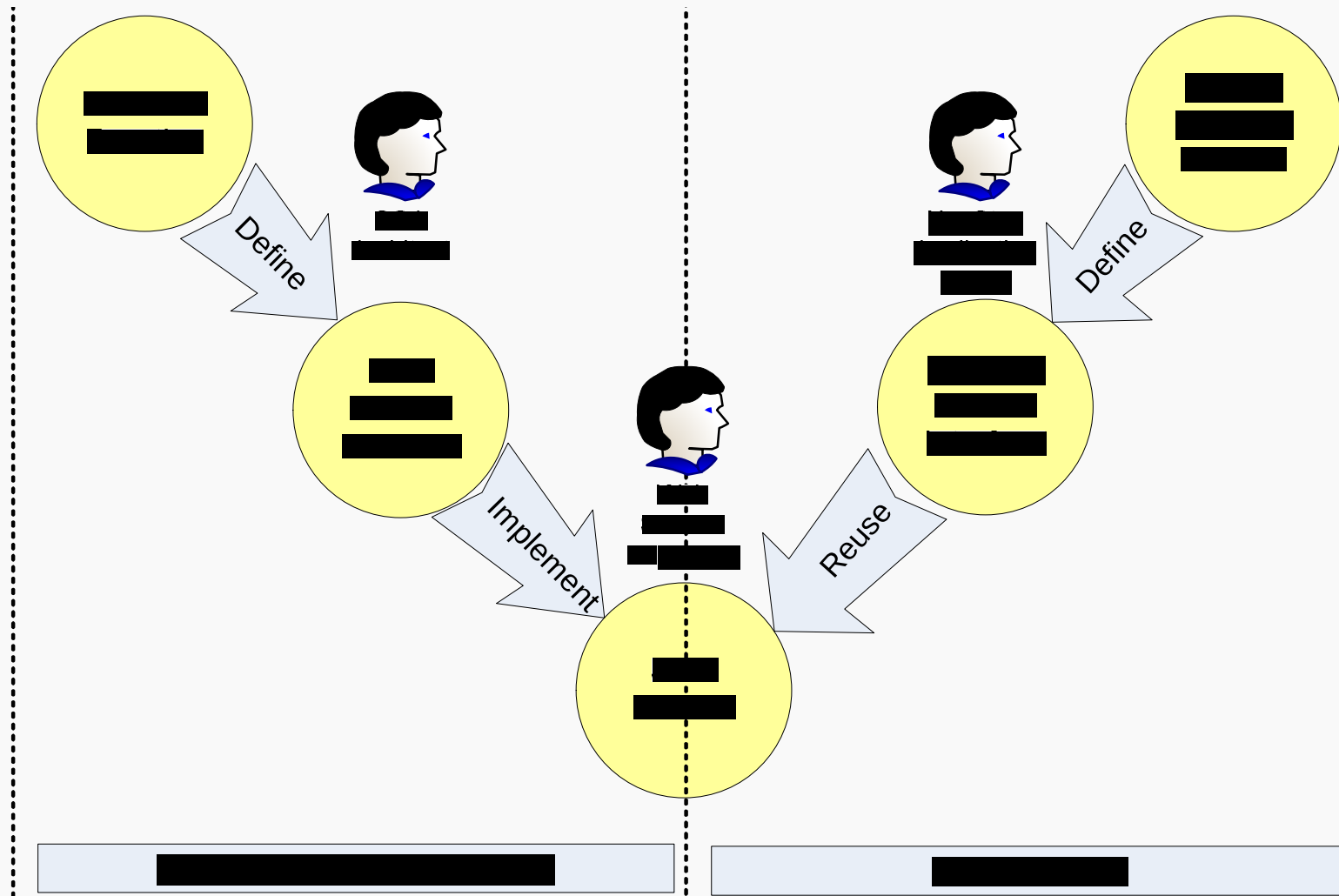
Integrating HP Nonstop into an SOA



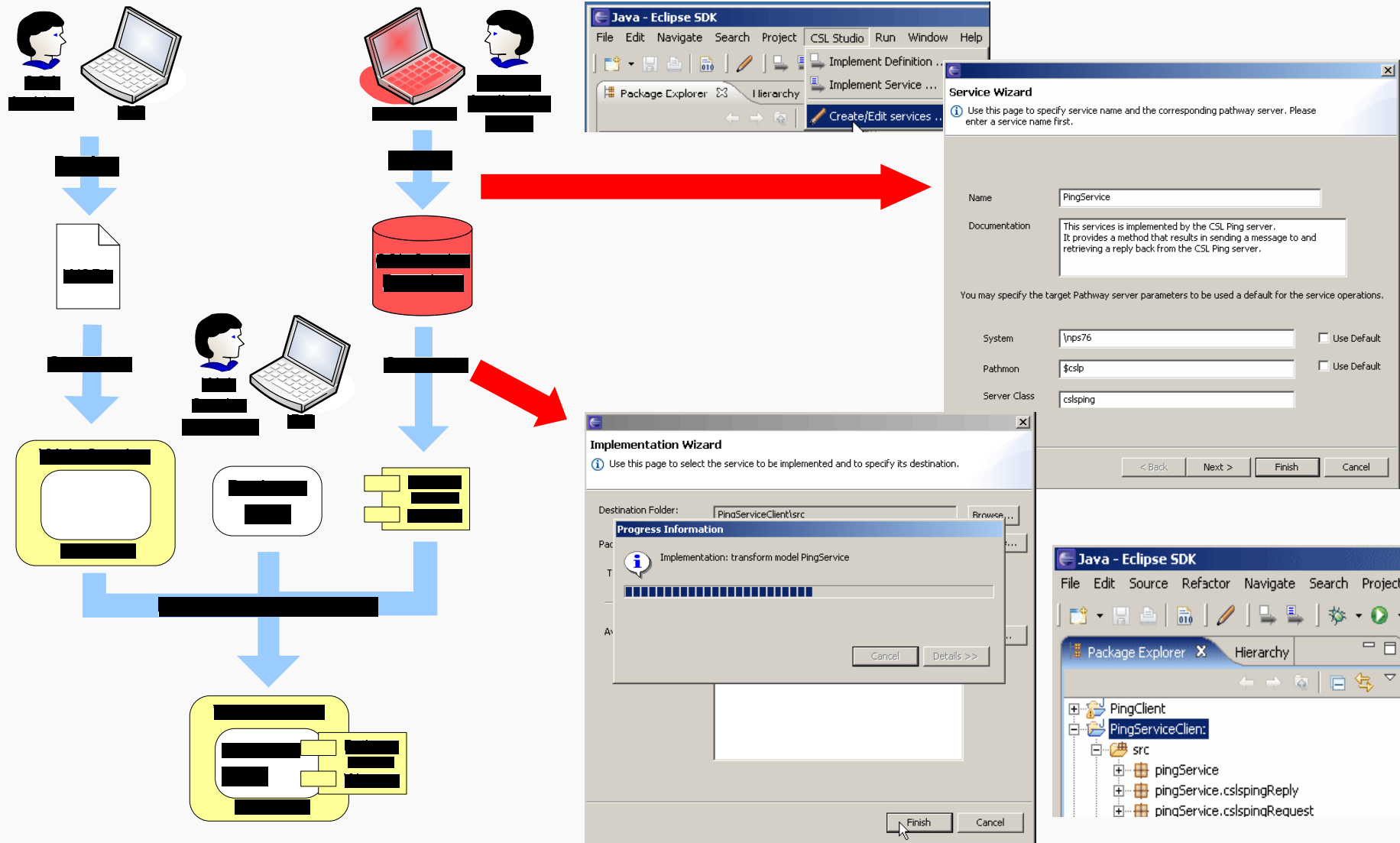
CSL Overview



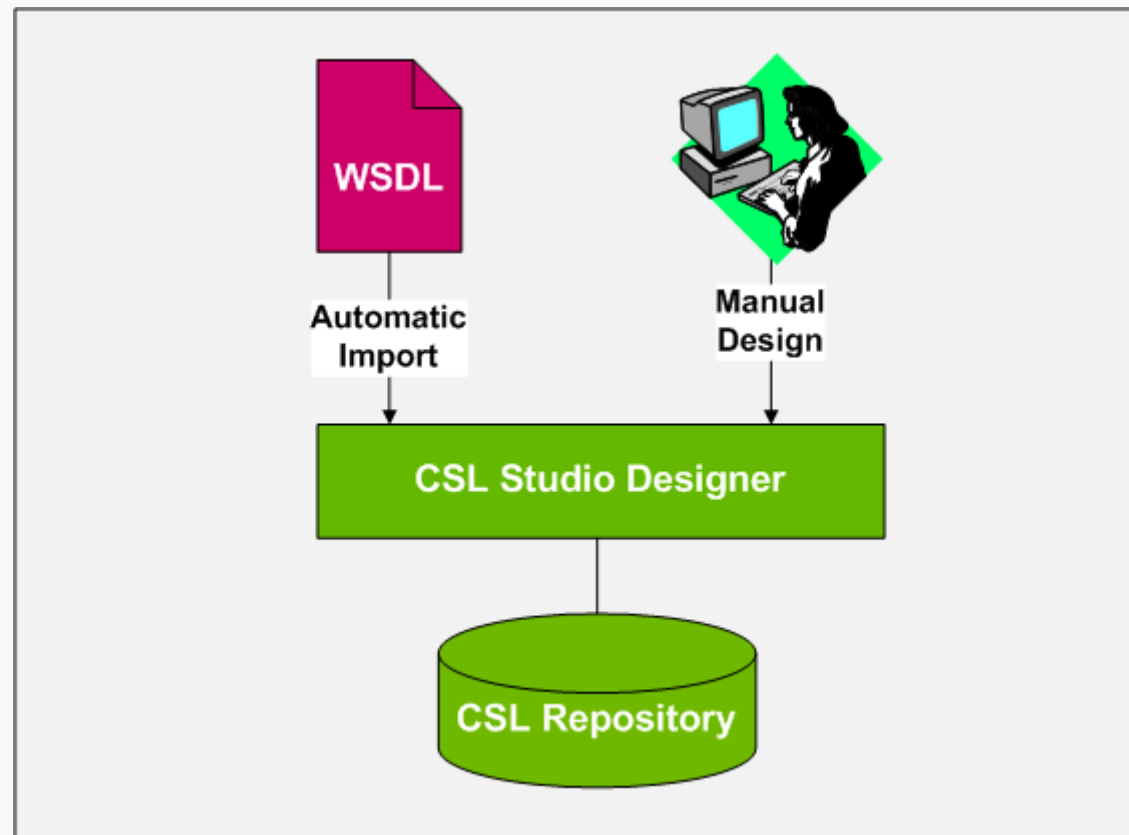
NonStop SOA-based services



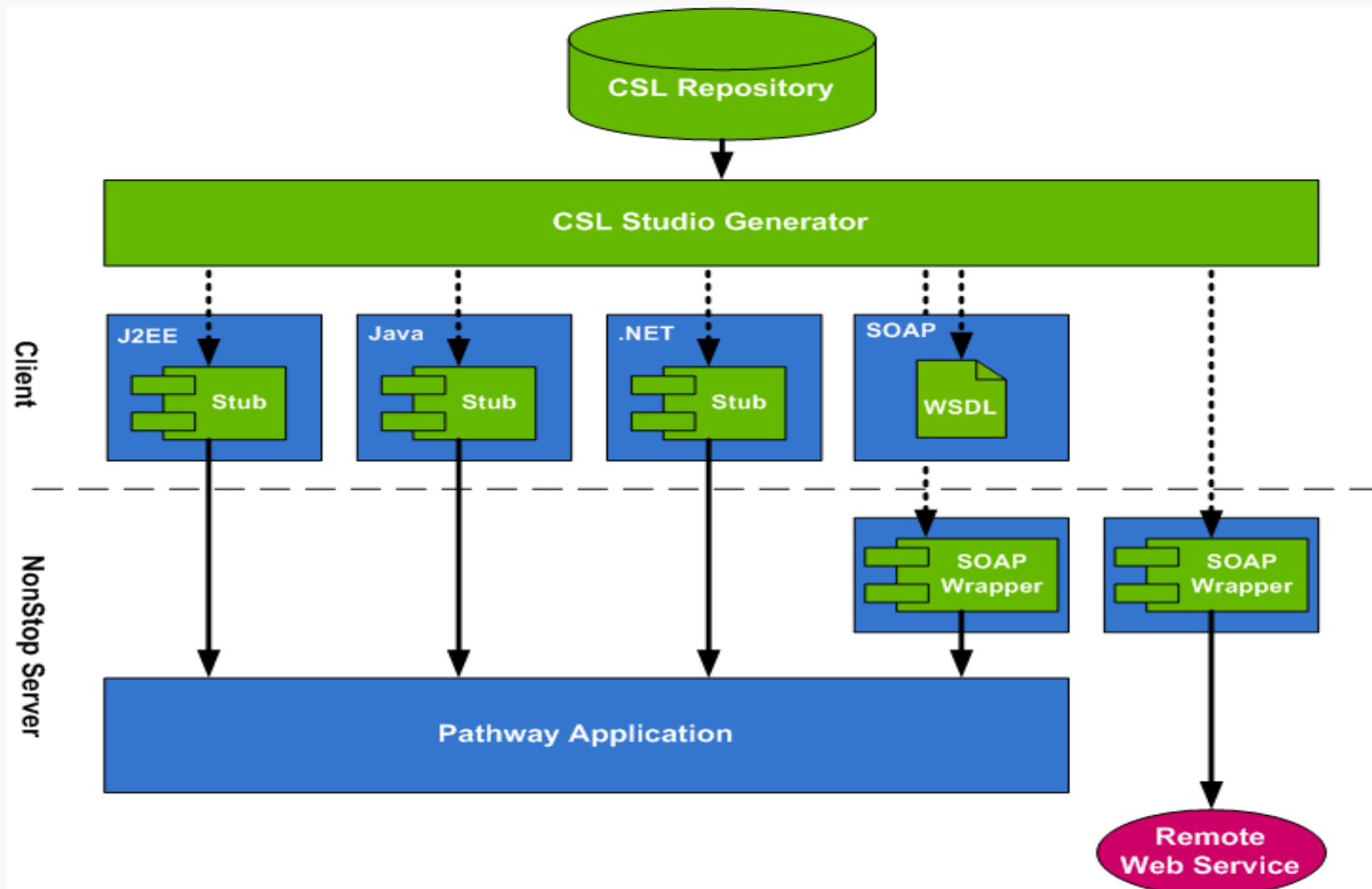
CSL Studio



Service Design Options



Service Generation Options



Sample NonStop COBOL Web Service Client

...

WORKING-STORAGE SECTION.
EXTENDED-STORAGE SECTION.

COPY MESSAGES OF "stub.cob".

PROCEDURE DIVISION.
MAIN SECTION.
PERFORM CONSUME-WEBSERVICE.
STOP RUN.

...
CONSUME-WEBSERVICE.

**** Populate request message**

MOVE 4711 TO SOME-FIELD OF GETCONTRACT-REQUEST.
MOVE "ABC" TO SOME-OTHER-FIELD OF GETCONTRACT-REQUEST.

**** Invoke remote Web service.**

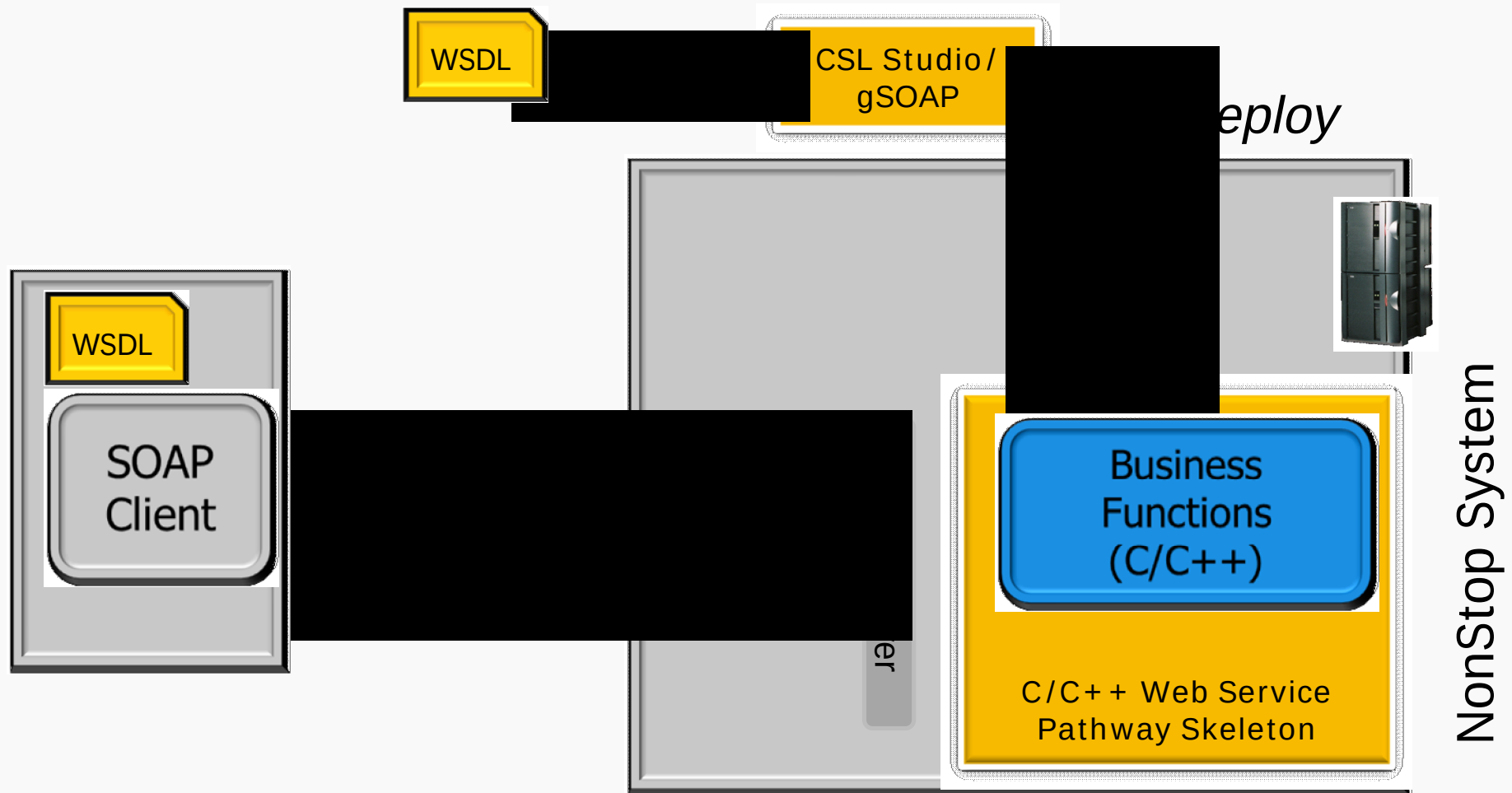
PERFORM OP-GETCONTRACT.

**** Results returned in GETCONTRACT-RESPONSE**

...

COPY OPERATIONS OF "stub.cob".

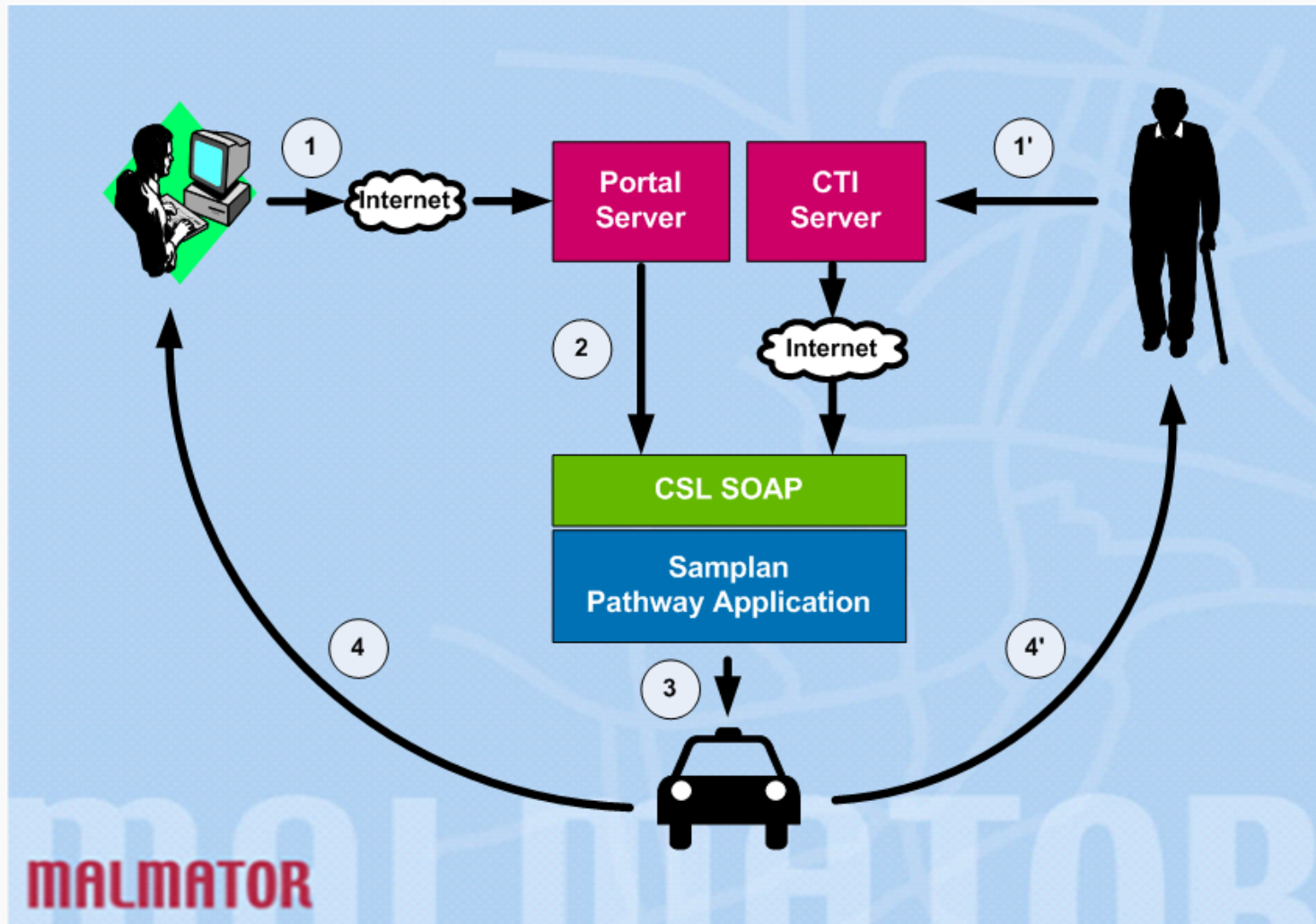
Implementing a Web Service using the „Contract First“ approach



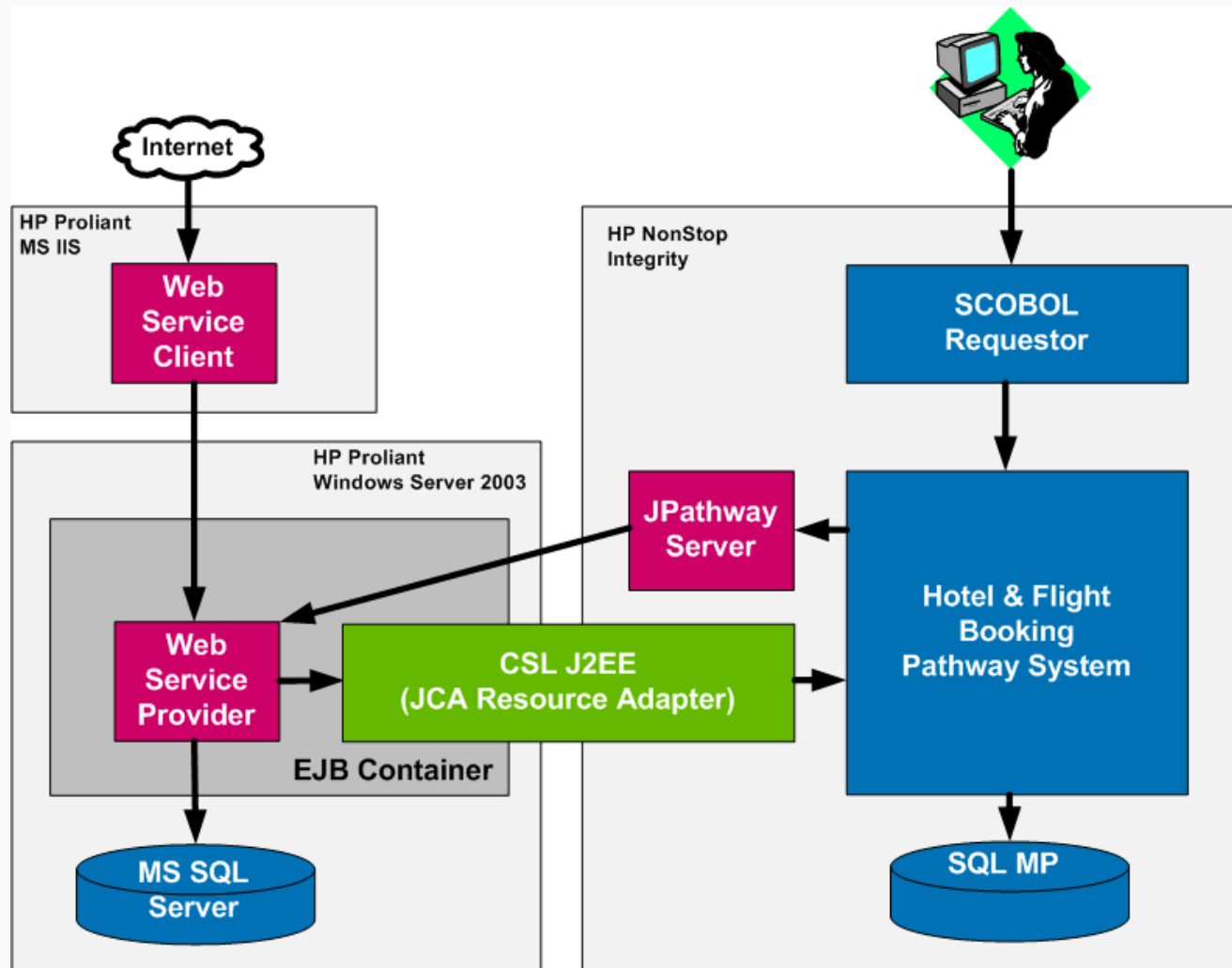
Client Server Link – Some Successful Projects

- Applied Industrial Technologies (USA)
- AluNorf (Germany)
- British Rail (UK)
- ComData (USA)
- CR Laurence (USA)
- Electronic Transaction Services (New Zealand)
- Hemit (Sweden)
- Herlitz (Germany)
- Malmator (Sweden)
- Northrop Grumman (USA)
- PTT (Turkey)
- Statestreet (USA)
- Thomas Cook (Sweden)
- Washington Federal (USA)
- West Corporation (USA)

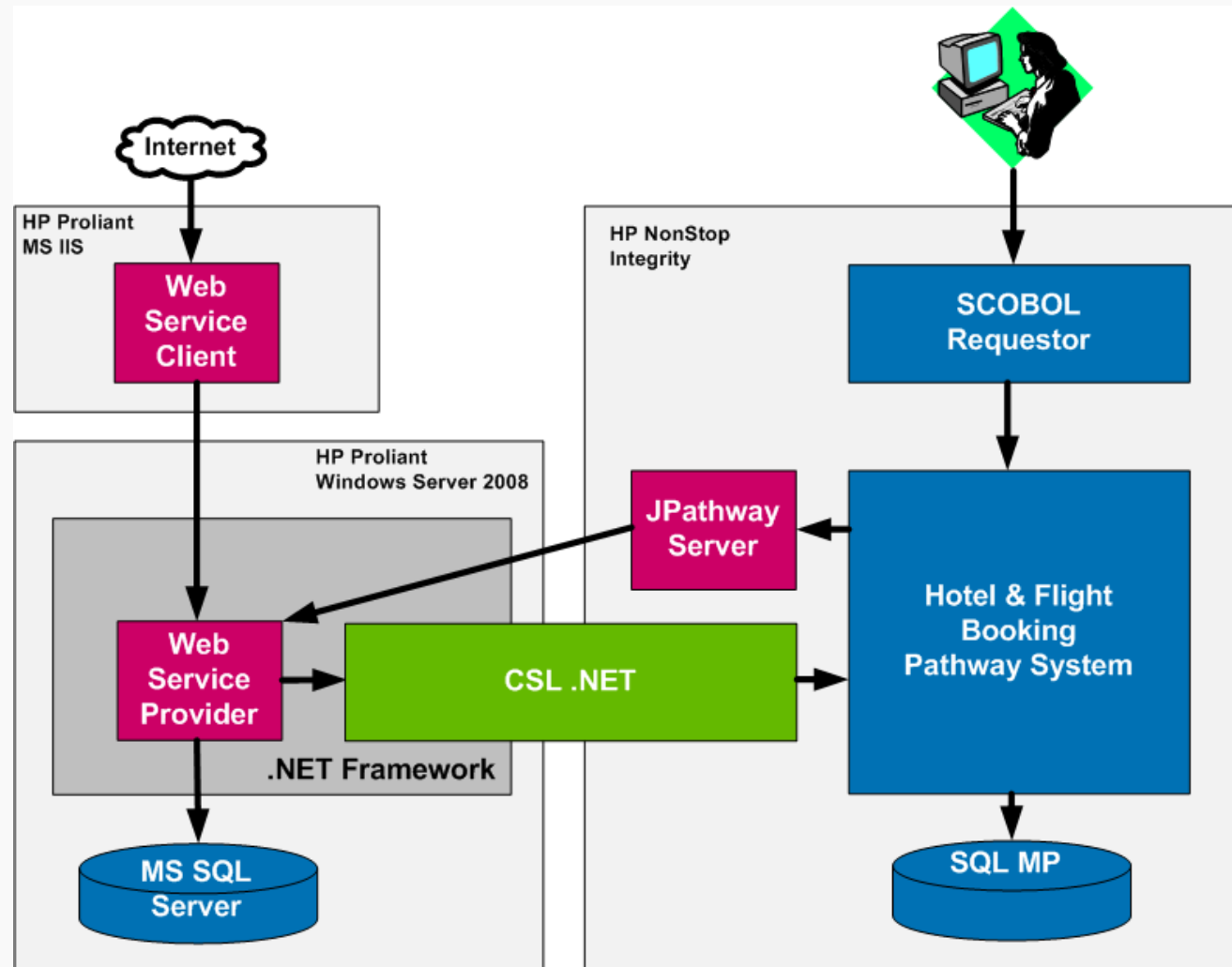
The Malmator Solution



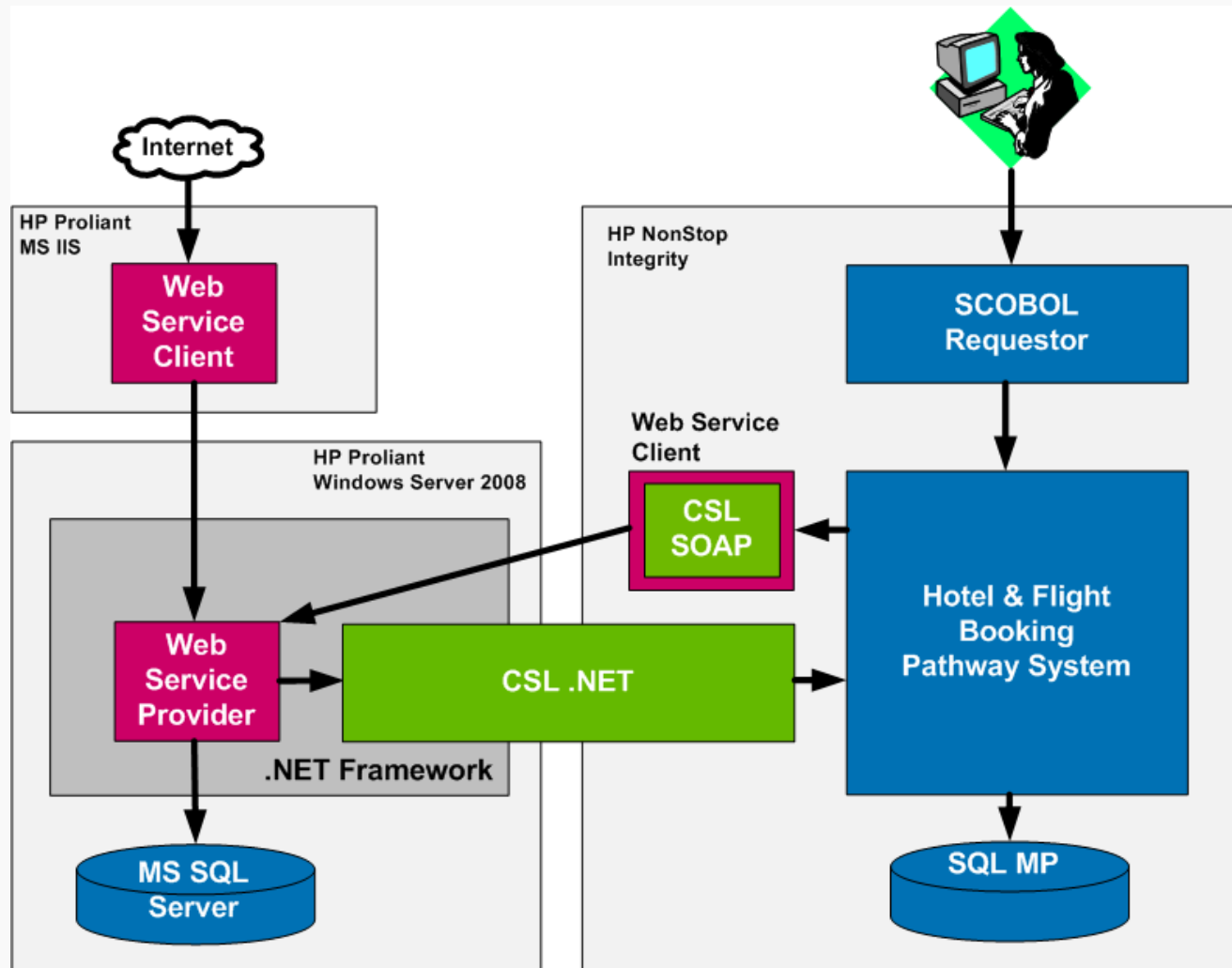
The Thomas Cook Solution - 1



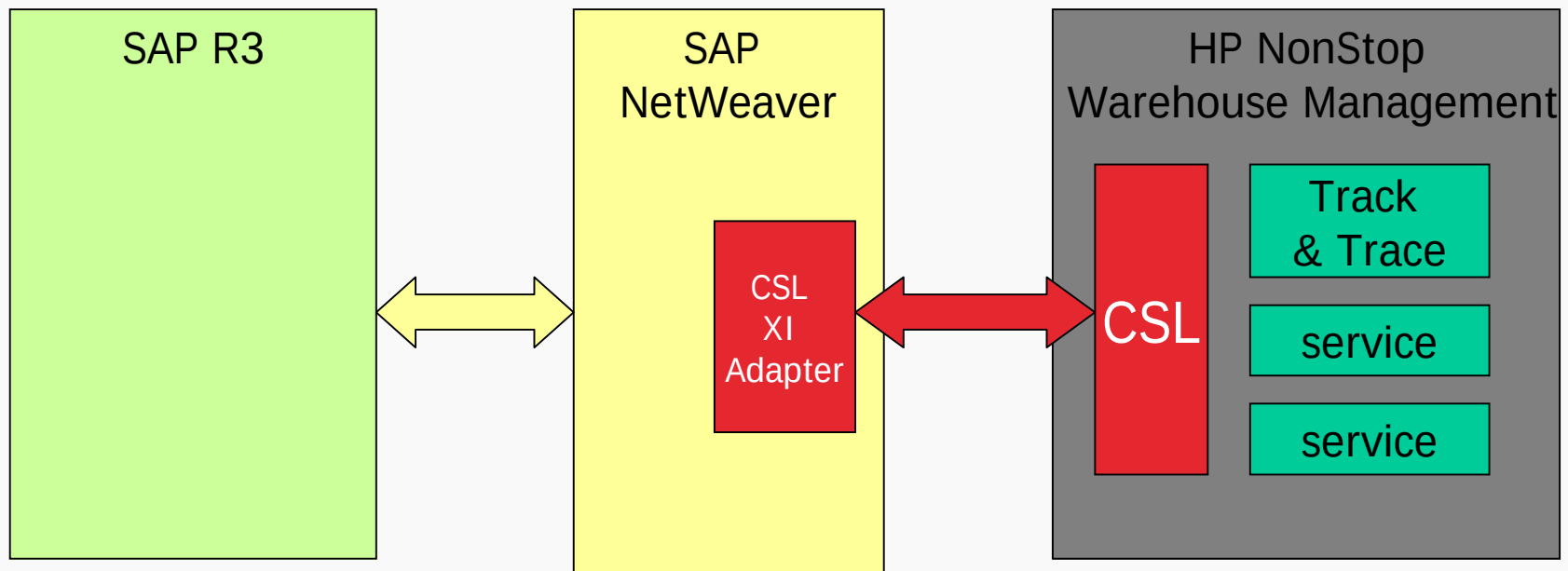
The Thomas Cook Solution - 2



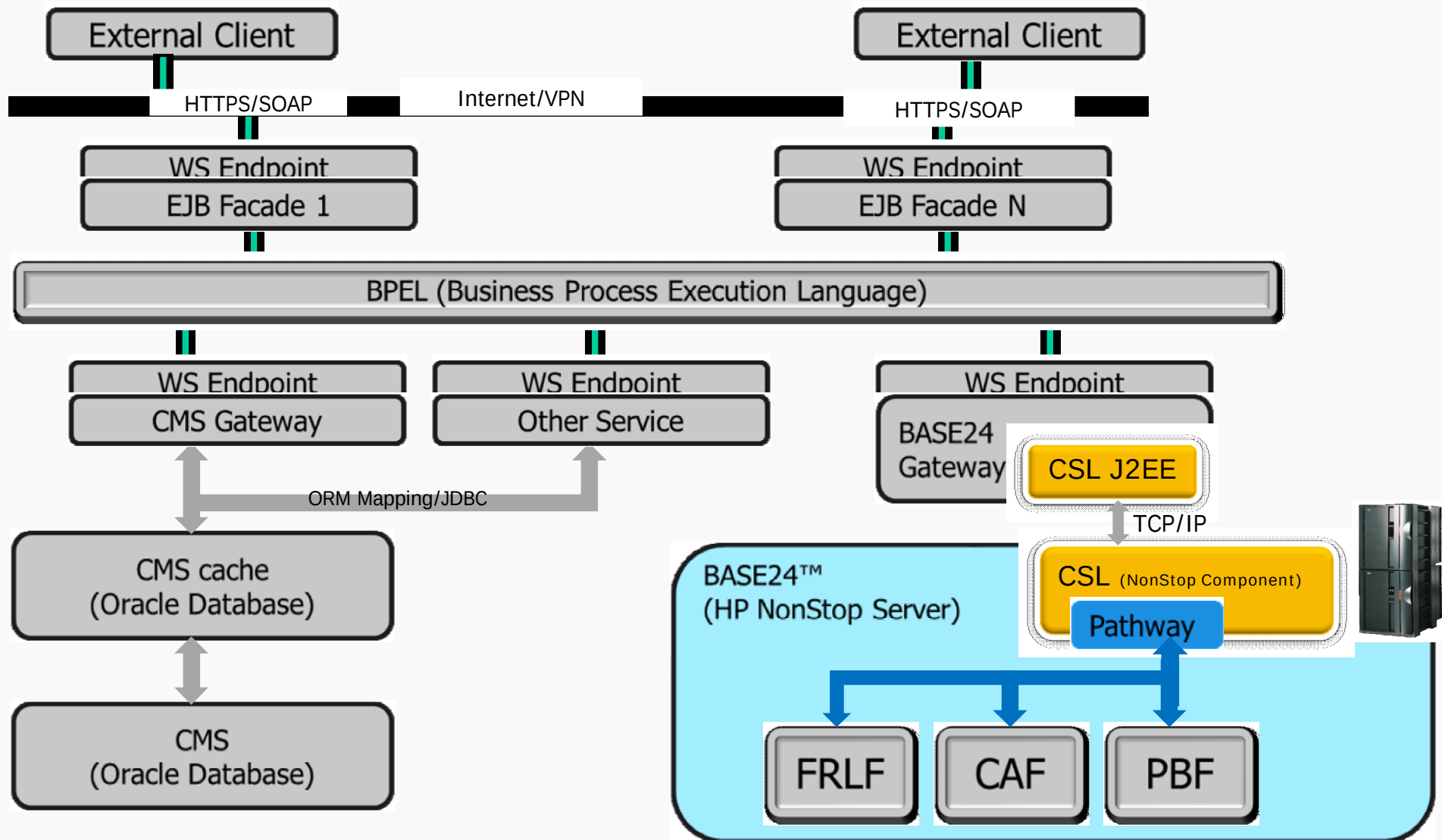
The Thomas Cook Solution - 3



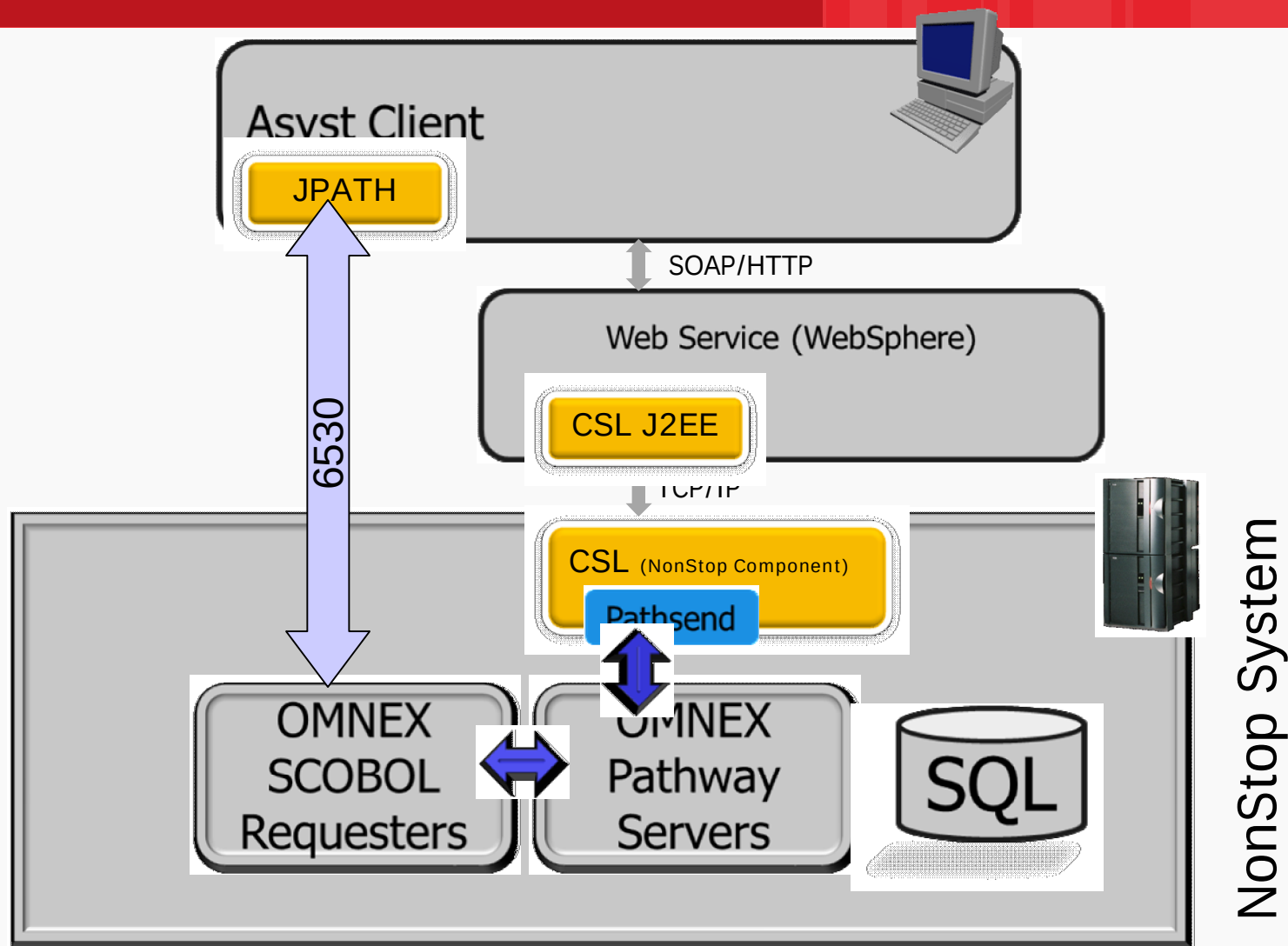
The Herlitz / Ecomm Logistics Solution



The First Data Polska Solution



The Applied Industrial Technology Solution



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Questions?