ESB

Scope:
- Enterprise Services Bus evaluation as an Integration Platform for whole VNG System/Platform. Phase 1, target for VNG Games System
- ESB Framework implement as the Services Oriented Architecture (SOA), in which all services have their our application layer

Objectives:
- Build a ESB Framework from scratch is required
- ESB must be a scalable, high distributed object broker that can seamlessly handle interaction between VNG services and platforms
- Redundancy is a must
- API Standards
- Security management layers on each of services and APIs
- Support transport mediation:
  o http
  o https
  o socket
  o SOAP
- Support running business service/rule (ESB Build-in)
- Architecture design must be review and approve by C.A.B (Change approval Board)
- Timeline:
  o Architecture design: Feb 01, 2011
  o Beta release: Sep 01 2011
    ▪ 2 major services :
      • Payment
      • Passport
    ▪ 1 promotion service.
    ▪ ESB Management (Back-End)
    ▪ Security Management (inside ESB)