

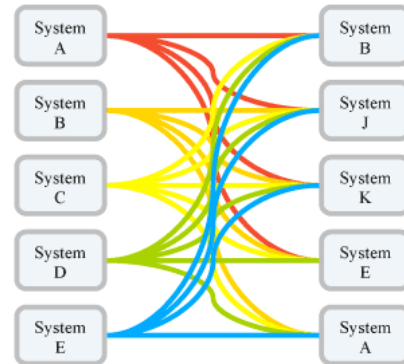
The current credit crunch and globalization is leading to many mergers and acquisitions. How can your company be prepared for the challenges ahead? How can the headquarters take control over the merged architecture gradually without risking the business?

One of the main characteristics of those scenarios is the consolidation of business processes, IT systems and data. What is the impact of replacing and integrating systems in your current architecture?

Point to point integration

Most companies still rely on a point-to-point systems integration architecture, which may lead to the following challenges:

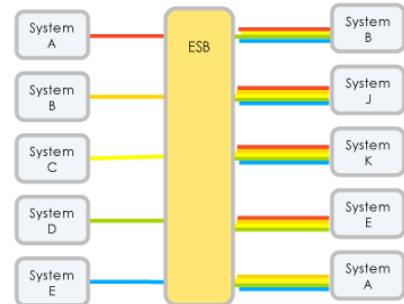
- The replacement of any system impacts all the other systems directly connected
- The addition of a new system is costly and takes time to integrate with the other systems
- Business Intelligence solutions are hard to be implemented, they need to talk to every system



Enterprise Service Bus (ESB) integration

A modern alternative solution is the Enterprise Service Bus architecture, which offers the following advantages:

- Any system may be replaced with no impact to the other systems.
- A new system can be implemented quickly. It just needs to be able to talk to the ESB.
- Business Intelligence is easier to be implemented. It only needs to listen to the ESB.
- Platform agnostic: most ESB commercial products can talk through readily available adapters to SWIFT, Oracle, SQL Server, DB2, Message Queues, EDI, Web services (**Service Oriented Architectures**), File transfers, FTP.



Commercial ESB solutions

There are many commercial solutions in the market, such as Microsoft Biztalk and IBM Websphere. Since the ESB is agnostic, you don't have to worry about which platform you are choosing. If your head office is based on IBM and your acquired branches are based on Microsoft, any ESB solution will work. You can choose for the best option and not the one you are currently tied to.

What TCG can offer?

TCG has hands-on experience on architecting and implementing ESB's on banking environments. The implementation can be gradual. The legacy and new systems can be plugged into the new architecture incrementally, allowing the old and the new architecture to live side by side and evolve into a flexible architecture.