

Integrate: Enterprise Service Bus

- Connecting systems in a decoupled manner
- Key Components
 - Business Integration
 - Process automation
 - Workflow
 - Messaging and adapters

Integration Spaghetti *Enterprise Service Bus*

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The alternative to point-to-point is an Enterprise Service Bus (ESB) that is the basis for a service-oriented architecture (SOA). An integration platform implemented on a bus architecture solves virtually any integration problem. Since each application and technology only requires one connection to the bus to expose or consume information, the number of interfaces is drastically reduced.

An ESB uses a publish-and-subscribe model. Information is pushed onto the bus and made accessible to the people and systems who need it - creating a one-to-many vs. one-to-one information exchange. This means less complexity, less maintenance, and more resources for improvements that can help you compete. A bus is also the first step towards solving other big data problems like:

- Improving visibility and information accessibility
- Accelerating decision-making
- Enabling fast action