

Gerenciamento Transferência Arquivos

Visão Conectividade

Mensageria Universal

Gerenciamento Federação Serviços

Telemetria

Patterns Macros

Sensores & Responder

SOA para as Massas

Clouds Publicas

Clouds Privadas

Integração de Cloud Híbridas

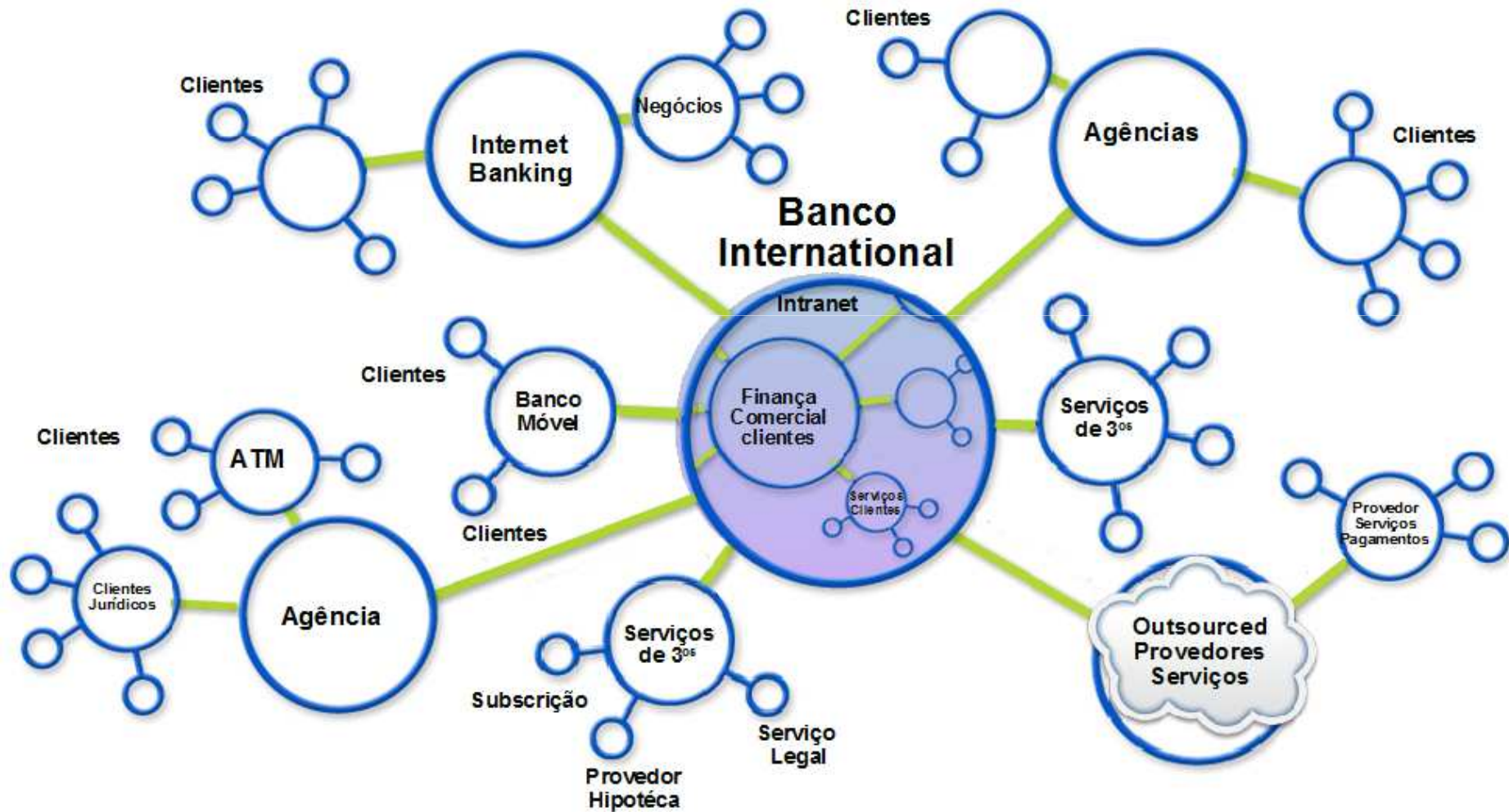
Gateway Cloud

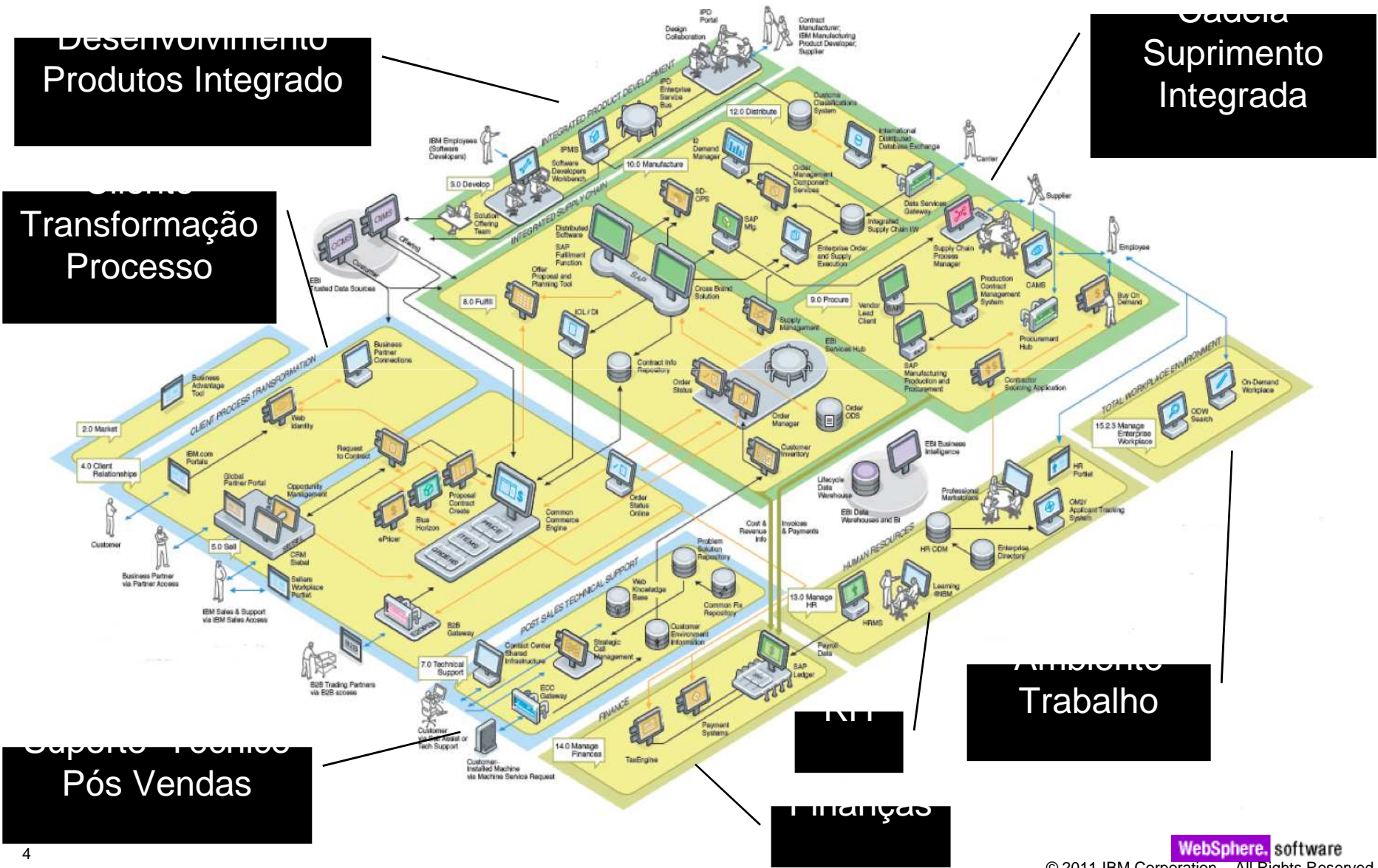
Governança Serviço

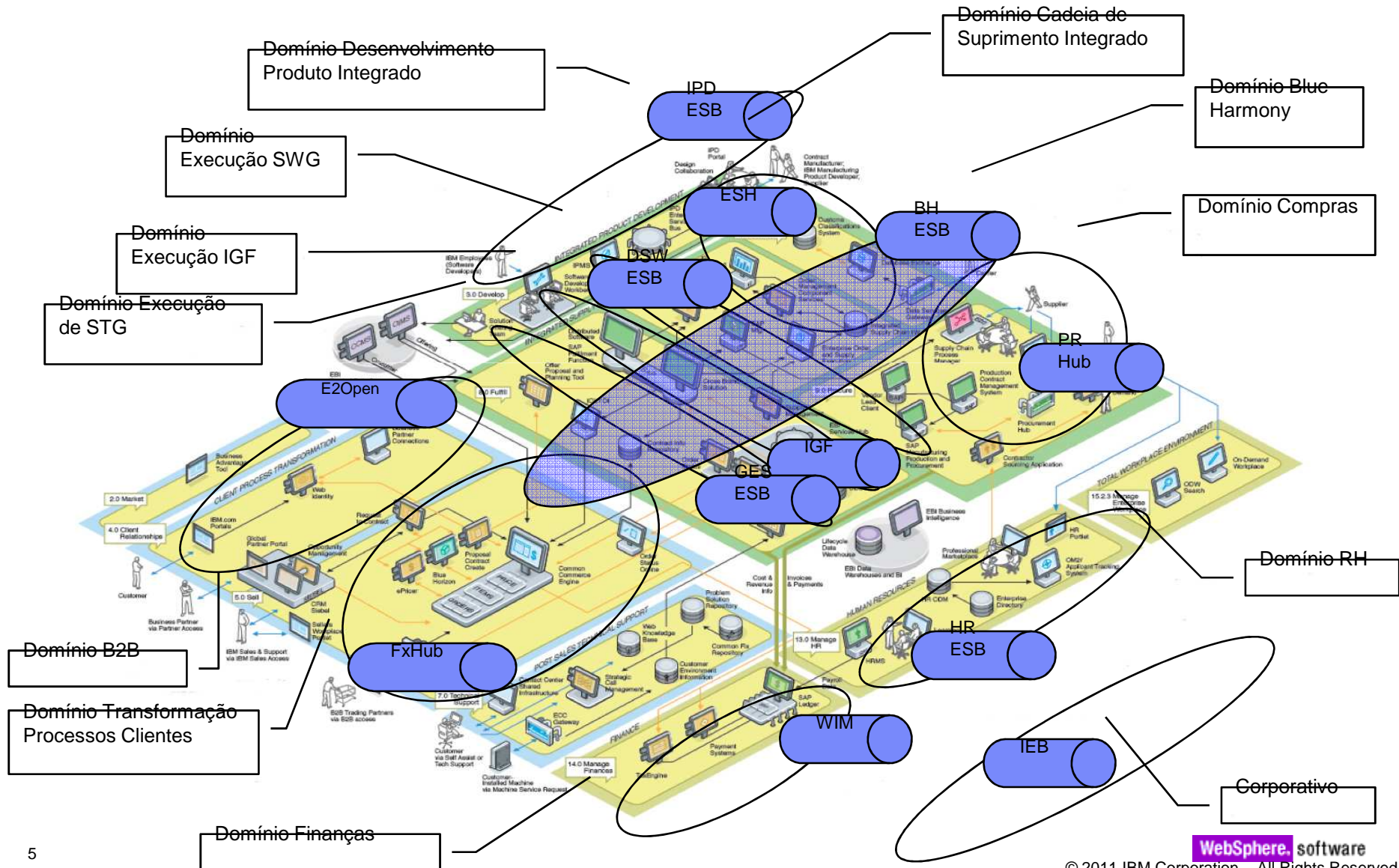
Gateway B2B

Middleware Virtualizado

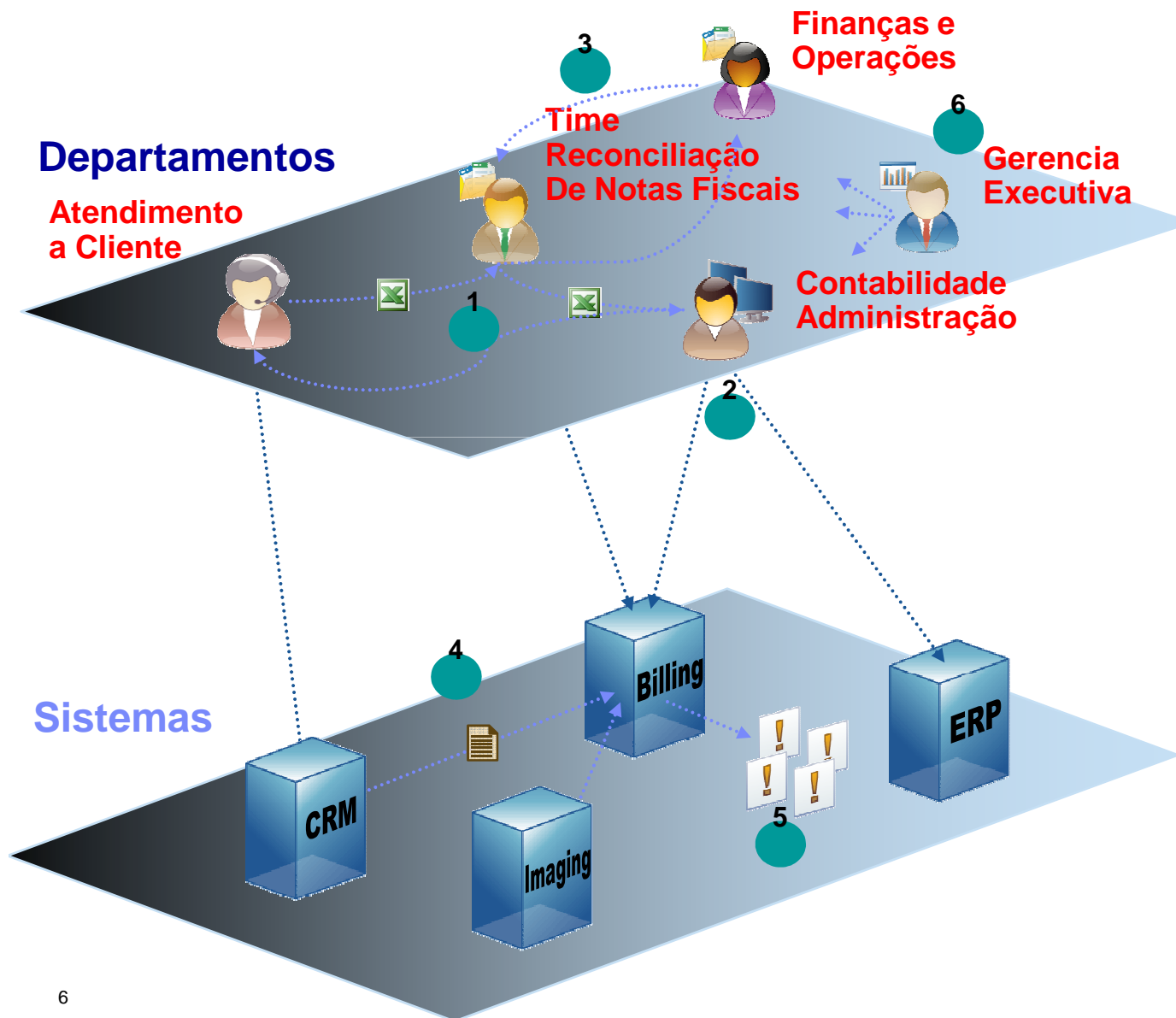
Conectividade Inteligente através de uma Rede Negócios Dinâmicos







Causas dos problemas de negócios



Tarefas e comunicações informais (ex Papel ou email)

Ambiente de trabalho ineficiente espalhado pelos sistemas

Priorização inconsistente

Fluxo de dados incompleto ou inconsistente entre os sistemas

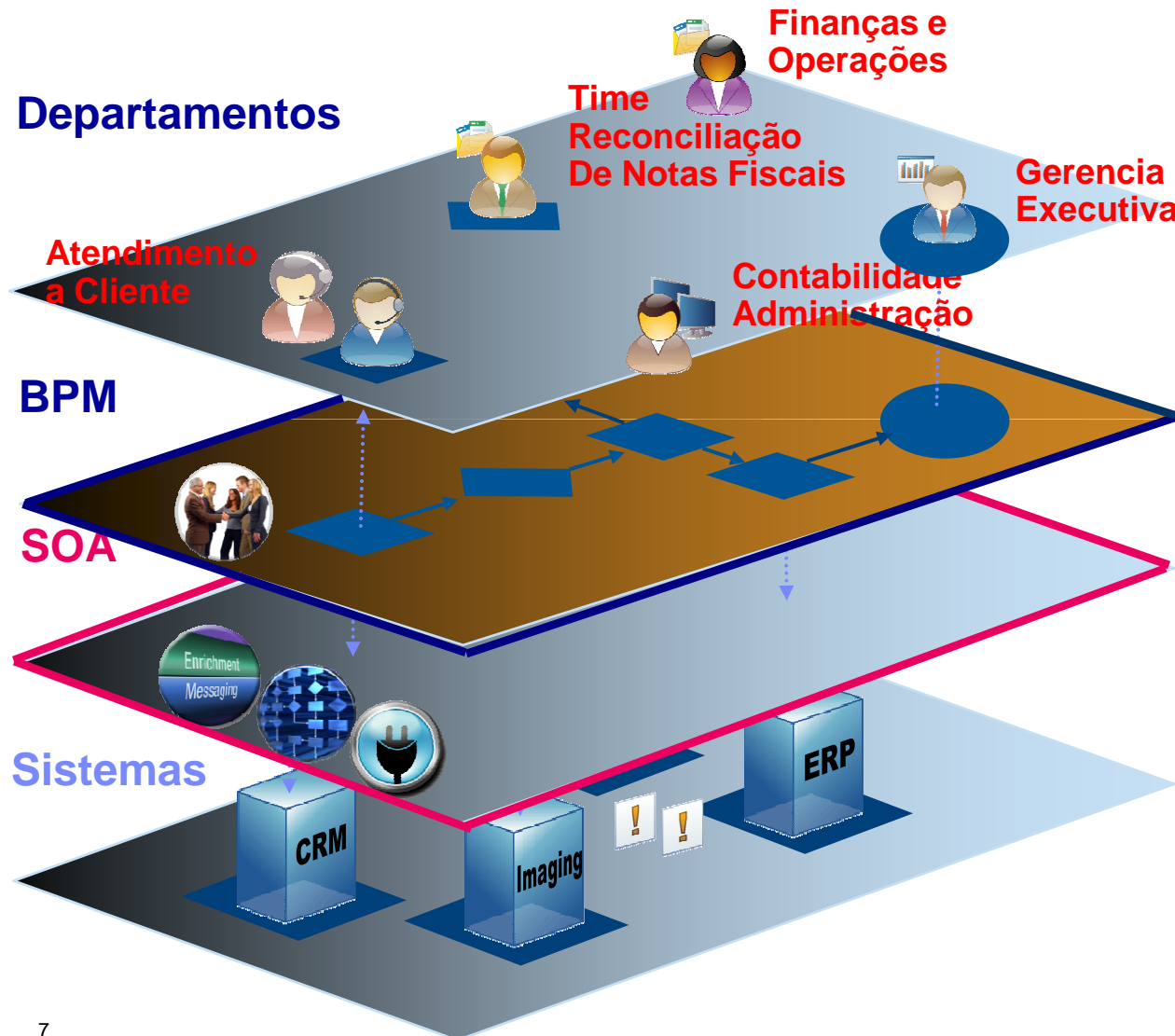
Falta de controle sobre os sistemas e eventos de negócio (exceções)

Visibilidade pobre da performance do processo

Sistemas não integrados

Trocas de arquivos por email

Infraestrutura mais inteligentes - SOA



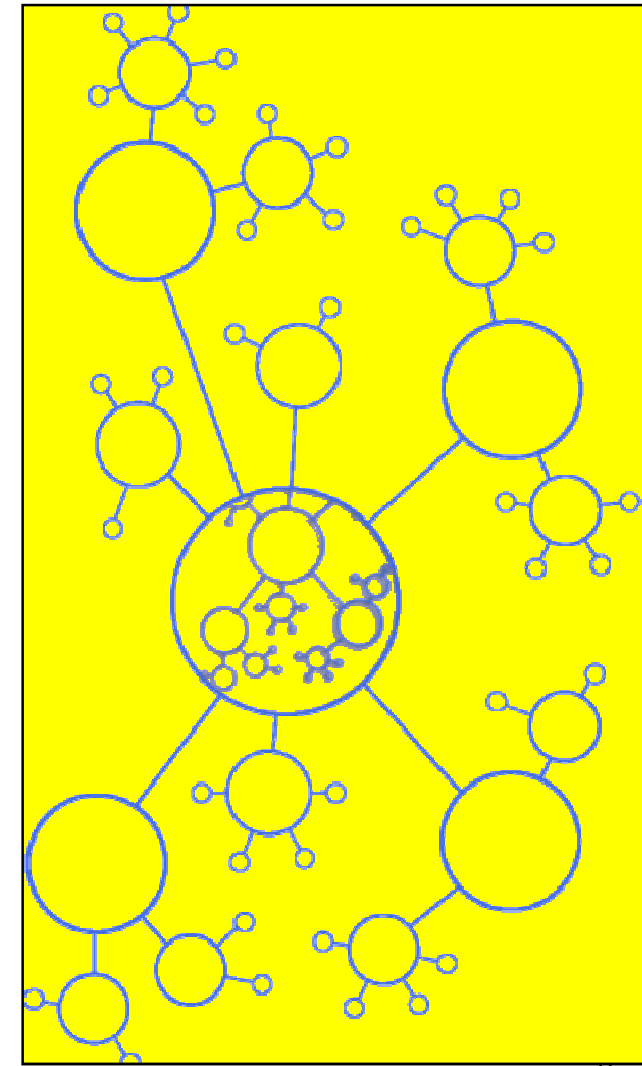
BPM pode abstrair o “processo de negócio” dos sistemas e serviços

Ao passar do tempo, **TI pode consolidar os serviços em um conjunto comum de serviços em uma camada SOA**

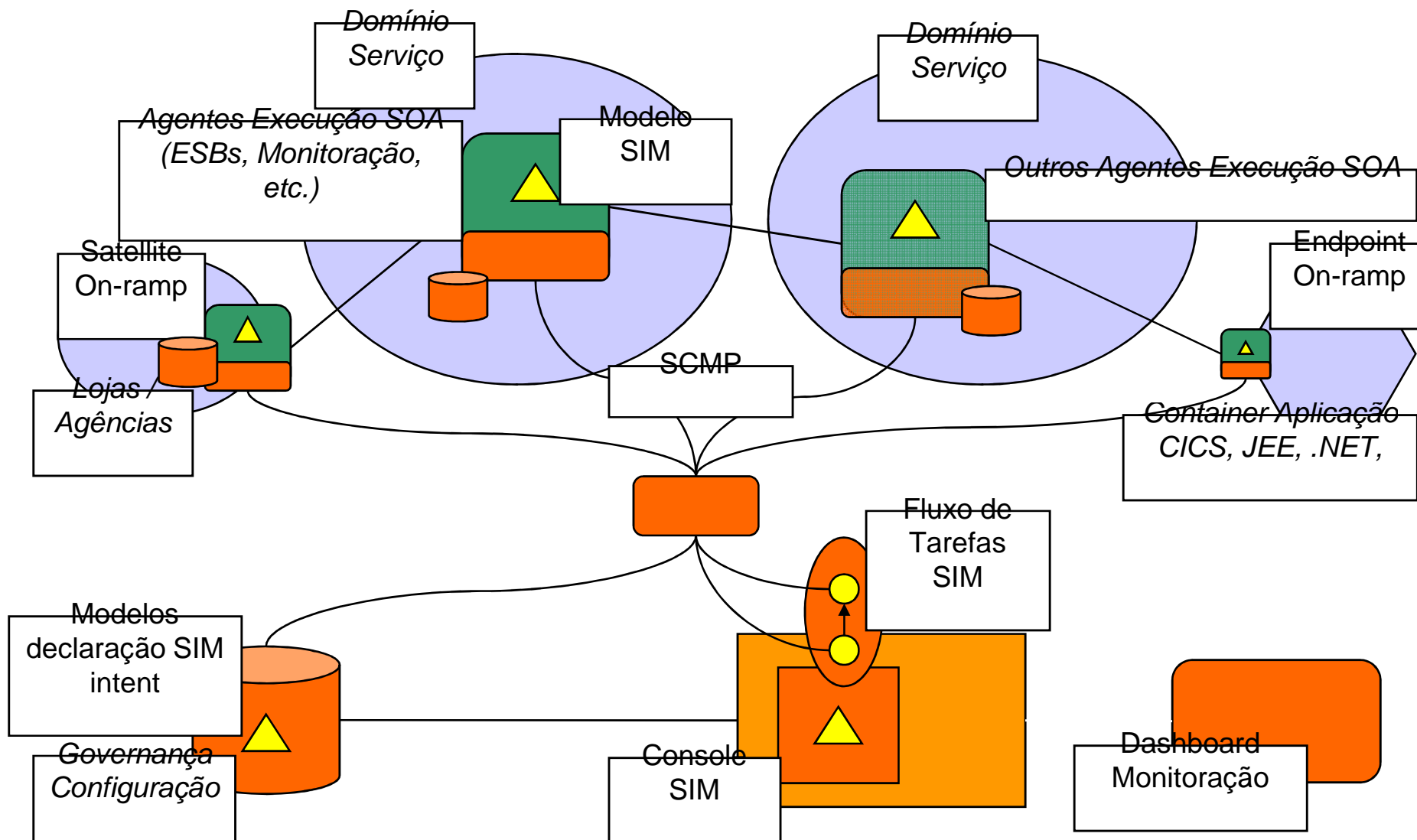
Aplicações Integradas os negócios não são afetados quando os sistemas são substituídos ou atualizados

Rumo a uma Visão de Conectividade

- Onipresente, inter-conectado inteligente para um planeta mais inteligente
- Conectar serviços, aplicações e dispositivos em todos os lugares ...
 - dentro e entre as empresas, ao longo de um amplo espectro de topologias e arquiteturas
- ... no nível adequado de integração ...
 - conectar independentemente do protocolo e formato sem o conhecimento da topologia de infraestrutura
- ... valor ao negócio decorrentes das interações ...
 - detecção padrões de eventos e de mineração de dados "in-flight"
- ... de uma forma dinâmica ainda governado ...
 - elásticos e adaptáveis, as configurações de tempo de execução com a governança e supervisão adequadas
- ... simples, robusta e confiável
 - as barreiras para entrar são baixas e simples "funciona" - entrega de dados, pedidos e eventos de propaganda

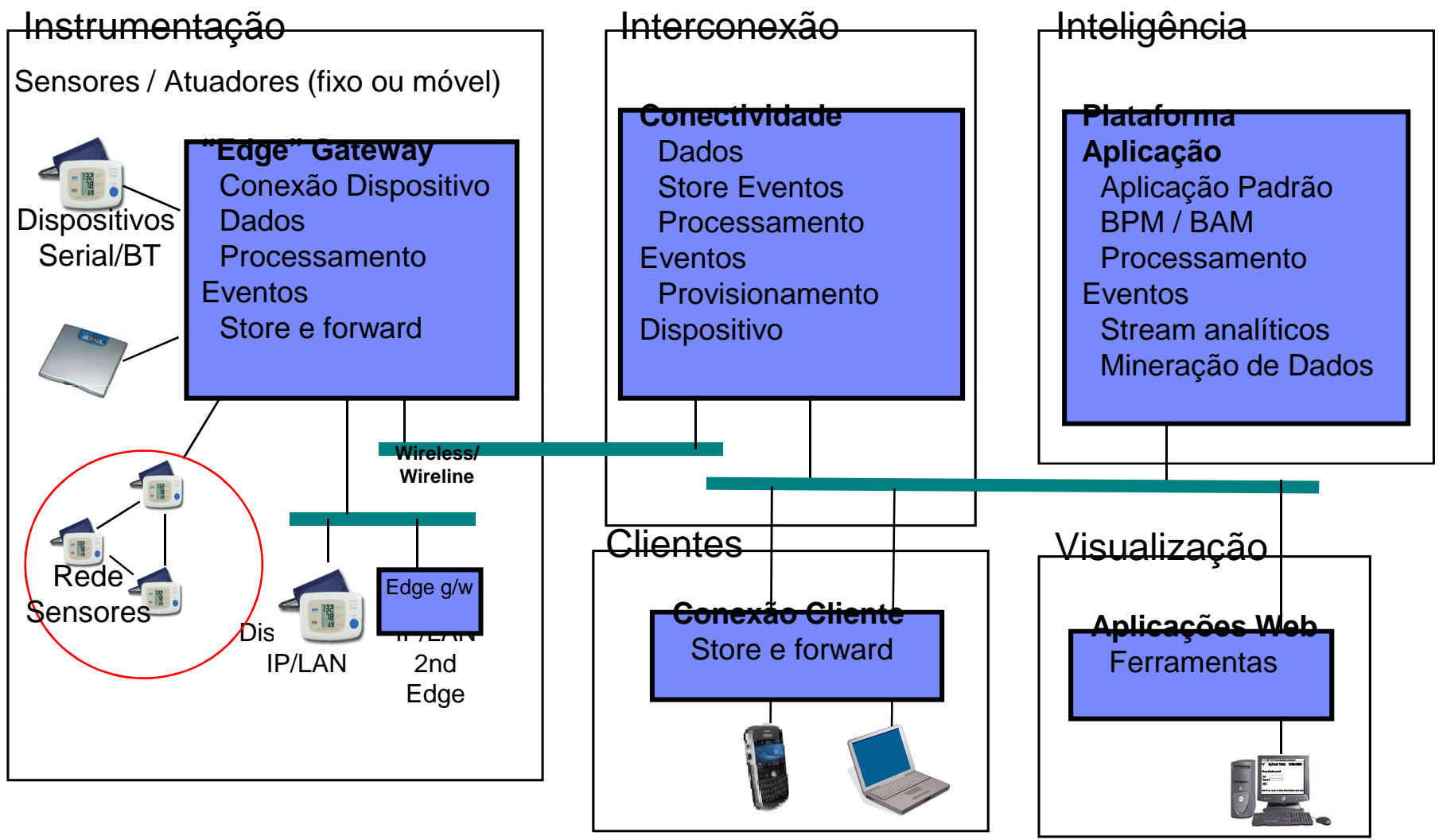


Visão de Gerenciamento de Interação Serviço



SIM - System Identity Manager
SCMP - Service Connectivity Management Protocol

Planeta mais Inteligente componentes aplicação





Documentando Patterns



<https://www.ibm.com/developerworks/wikis/display/esbpatterns/ESB+and+Connectivity+Patterns>

ESB and Connectivity Patterns

View Info

Browse Space

Added by [dwbloqadmin](#), last edited by [peter.lambros](#) on Dec 08, 2009 ([view change](#))
Labels: (None)

Welcome to the **IBM ESB and Connectivity Patterns Wiki**.

A pattern is a reusable asset that can help to speed the process of implementing connectivity and integration solutions. Here you will find described a set of patterns that encapsulate some of the more common solutions in the application connectivity space. Many of these patterns build on and refine the more general architectural pattern known as the enterprise service bus (ESB).

Both high-level (patterns for e-business) and low-level (mediation primitives) patterns have been well documented (see [Resources](#) for further information). Here we will focus initially on bridging this gap and filling in the middle space. We call these *connectivity solution patterns* - they encapsulate the complete connectivity or mediation logic between a set of applications or services. In describing these patterns we will also identify common facets of these solutions, such as the interaction style, security model and other 'aspects' (such as logging and error handling) will also be discussed.

These patterns will be of interest and value to enterprise architects, integration architects and developers who are responsible for implementing integration and connectivity solutions. The pattern specifications are typically described in ways which are independent of any particular choice of integration middleware but where we describe specific implementations of these patterns we will focus on the family of ESB products from IBM WebSphere.

Getting Started

We assume that you are already familiar with the concept of the Enterprise Service Bus as an architectural pattern (if not, check out our [Resources](#) section).

We recommend you start by reading about the [main categories](#) of connectivity patterns that we have identified.

A summary of some of the material in this wiki can be found in our companion developerWorks article [Enterprise Connectivity Patterns: Implementing integration solutions with IBM's Enterprise Service Bus products](#).

Home

Functional patterns

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Facets and sub-patterns

- [Operational 'aspects'](#)
- [Security models](#)

Product perspectives

- [WebSphere Message Broker](#)
- [WebSphere ESB](#)
- [DataPower Integration Appliance X150](#)

Additional resources

- [Introduction to Connectivity Patterns](#)
- [Patterns for e-business](#)
- [Enterprise Service Bus concepts](#)
- [More ...](#)

धन्यवाद
Hindi

多謝
Traditional Chinese

Grazie
Italian

ขอบคุณ
Thai

Gracias
Spanish



Merci
French

Спасибо
Russian

شكراً
Arabic

Obrigado
Brazilian Portuguese

Danke
German

多謝

நன்றி
Tamil

ありがとうございました
Japanese

감사합니다