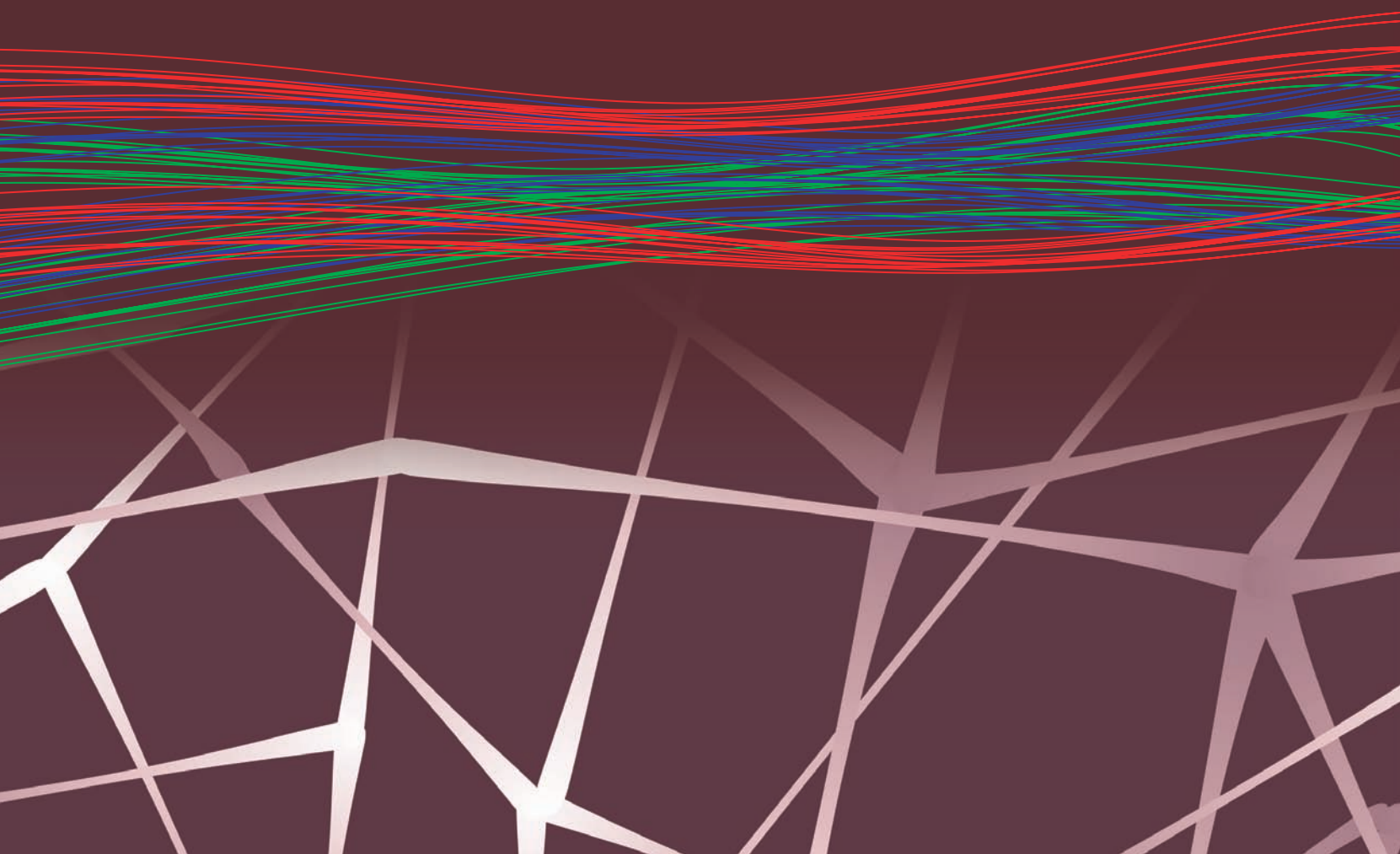


Network Services

**B-GATE**  
The solution for  
Applicative Cooperation



**B-GATE**  
**The solution**  
**for Applicative**  
**Cooperation**

**The Company and its Business and partners**

Being a company, supplying products or services, means being in a constant state of interaction with counterparts - Customers, Suppliers, Banks and Public Administration - in the context of production, finance and administration.

To assist companies on the path towards integration between their applications and those of their counterparts, SIA-SSB has created **B-Gate**, an infrastructure able to support applicative cooperation and carry data and information between companies operating in the value chain.

B-Gate's architecture and the quality of SIA-SSB's services are now available to those companies wishing to have guaranteed service levels and applicative interaction criteria that are easy to implement and manage.

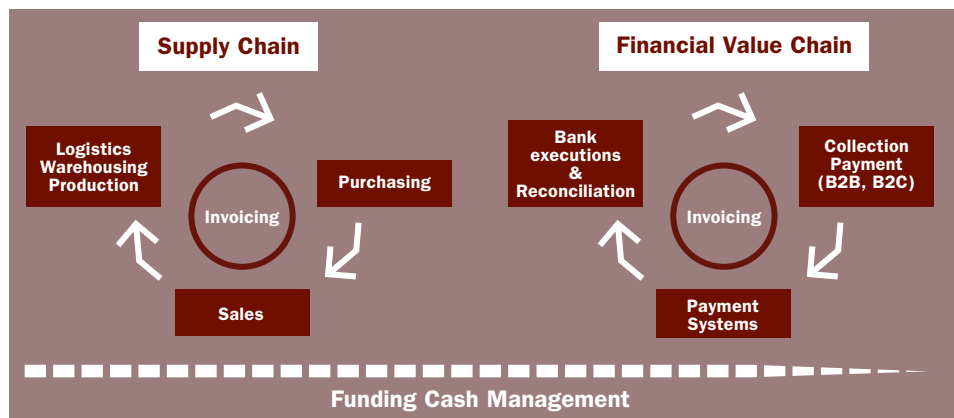
**B-Gate: a service model**

B-Gate was created thanks to SIA-SSB's expertise in the supply of data transport services and applicative interconnection gained in Communities/Domains where the criticality of applications and information content is high - the bank system, interconnection with SPC (sistema pubblico di connettività - public connectivity system), CBI (corporate banking interbancario), etc. - and it takes on some of their features and access modules.

Based on a **versatile technology platform**, the B-Gate service exploits those components that have made SIA-SSB an undisputed leader in the scenario of the Italian financial community:

- :: the **connectivity component**, equipped with all the security systems to protect data and accesses
- :: the **messaging component**, which permits applications to exchange data without the need to deal with the management of network protocols

**Financial supply chain**



- :: the **monitoring and management of the nodes** that make up the infrastructure to be used via B-Gate.

### B-Gate: the main players

With B-Gate, SIA-SSB has created a service for businesses based on the controlled Domain model, where two types of subjects operate:

- :: the **Sponsor**: the owner of the Domain that supplies its services to its own clients and/or suppliers, to whom it offers subscription to the service with the purpose of responding to connectivity and cooperation requirements. It sets out the governance rules of the Domain and the methods of interaction of the participants with the services themselves
- :: the **Business Partner**: a participant in the Domain defined by the Sponsor, the services of which it uses.

SIA-SSB provides to the participants in the Domain:

- :: the connectivity infrastructure and all the necessary components - physical lines, switches, firewalls - in a one-stop shop context, as a single supplier, administrator and maintenance service
- :: the messaging functions, managing the communication protocol and supporting applicative workflows and communication according to the governance rules.

Technologically managed by SIA-SSB on behalf of the Sponsor, B-Gate is a **full service** ensuring the monitoring and remote management of hardware

and software components, transfer of flows - files, messages, and messages with attached files - for both traditional and “zero latency” applications, and the overall management of the private Domain, from the initial configuration to its daily use.

### B-Gate: at the service of of applications

In addition to the main functions of atomic, univocal and guaranteed delivery of each individual message or file carried, B-Gate makes available Message Switching services - MS, File Transfer - FS and File and Message - FM, that respect:

- :: message delivery priority at individual application level
- :: complete transparency of flow formats
- :: independence with regard to the content of the data carried;
- :: interoperability between the different technology platforms of User Systems (Mainframe, Distributed UNIX and Distributed Windows).

Each application, once its workflows are defined, exploits the interfacing standard towards the most suitable messaging service - unique for any application - with the possibility to implement and replicate a state machine for all the other applications.

### B-Gate: a secure Domain

Thanks to the integration between the messaging services and the connectivity services supplied by SIA-SSB, B-Gate is a **solution for**

**applicative cooperation** between enabled Users featuring the necessary protection levels.

By exploiting the capacity to divide the physical connection lines from the logical channeling of messaging services, B-Gate operates through “virtual addresses” that are exclusive to the Domain. The request for a data transport service can only take place if the virtual channel linking the Sender and the Receiver has been correctly configured and authorized.

### B-Gate: an administered Domain

The monitoring and management of the network nodes making up the entire B-Gate messaging infrastructure are carried out through the Network Management Center, a technology platform specifically created by SIA-SSB.

Working from a single control point, the operators of the Management Center are able to check the smooth running of the messaging servers and carry out any interventions necessary to support the service.

The Network Management Center represents a reliable third party, collaborating with the participants in the Domain during the interaction phases between the applications and the network itself, without entering into the specifics of the information carried.

The centralized management of the configuration of network routes at the Management Center permits monitoring of access to data transport services and guarantees a further security level to the entire Domain infrastructure.

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