

Exploiting SOAP in CINERGIE

Collaborative IT platform for managing
and disseminating multimedia film
resources in Europe

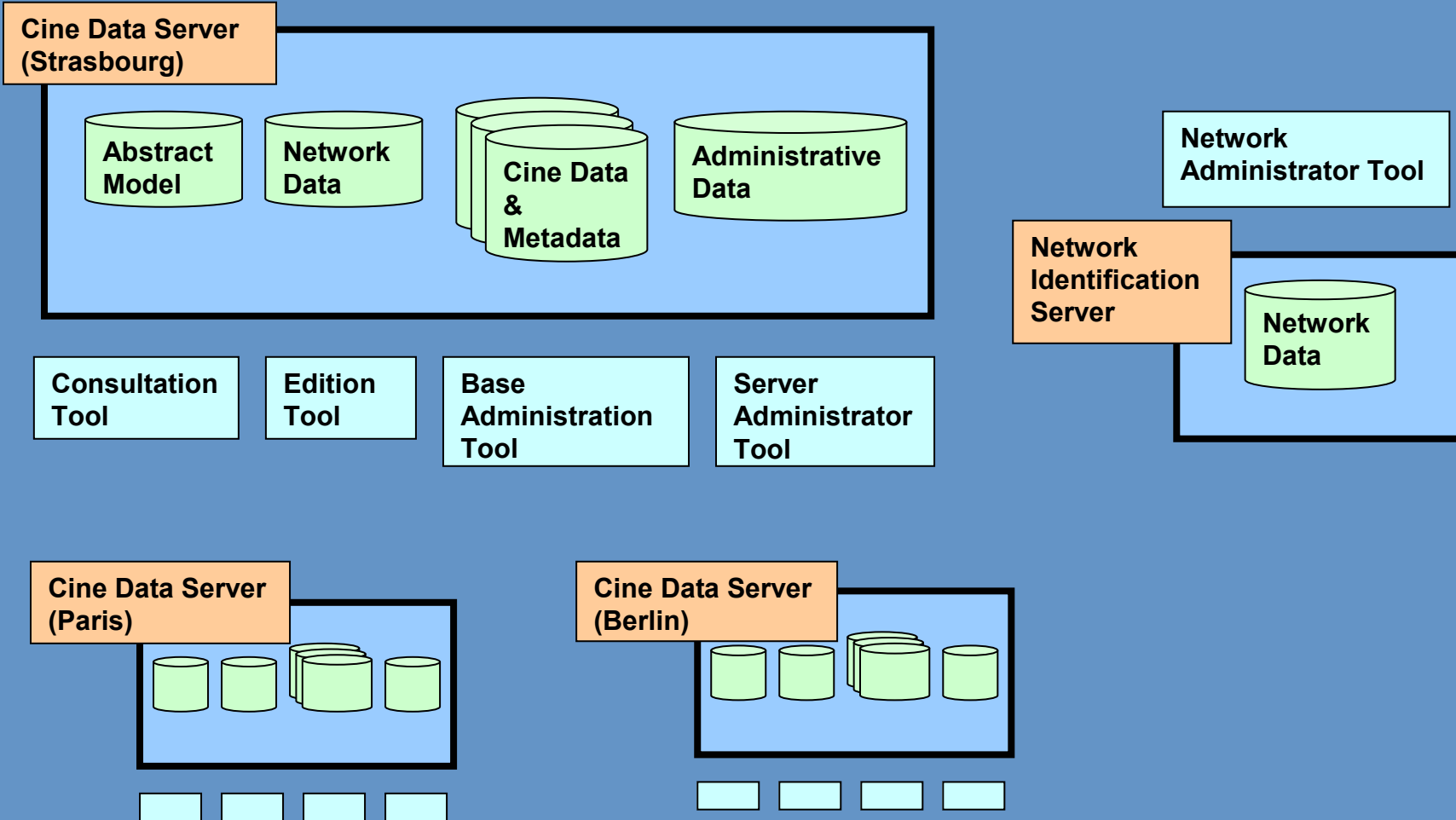
Séminaire SOAP - Strasbourg
Annalisa Ricci - LORIA
<cinergie@loria.fr>

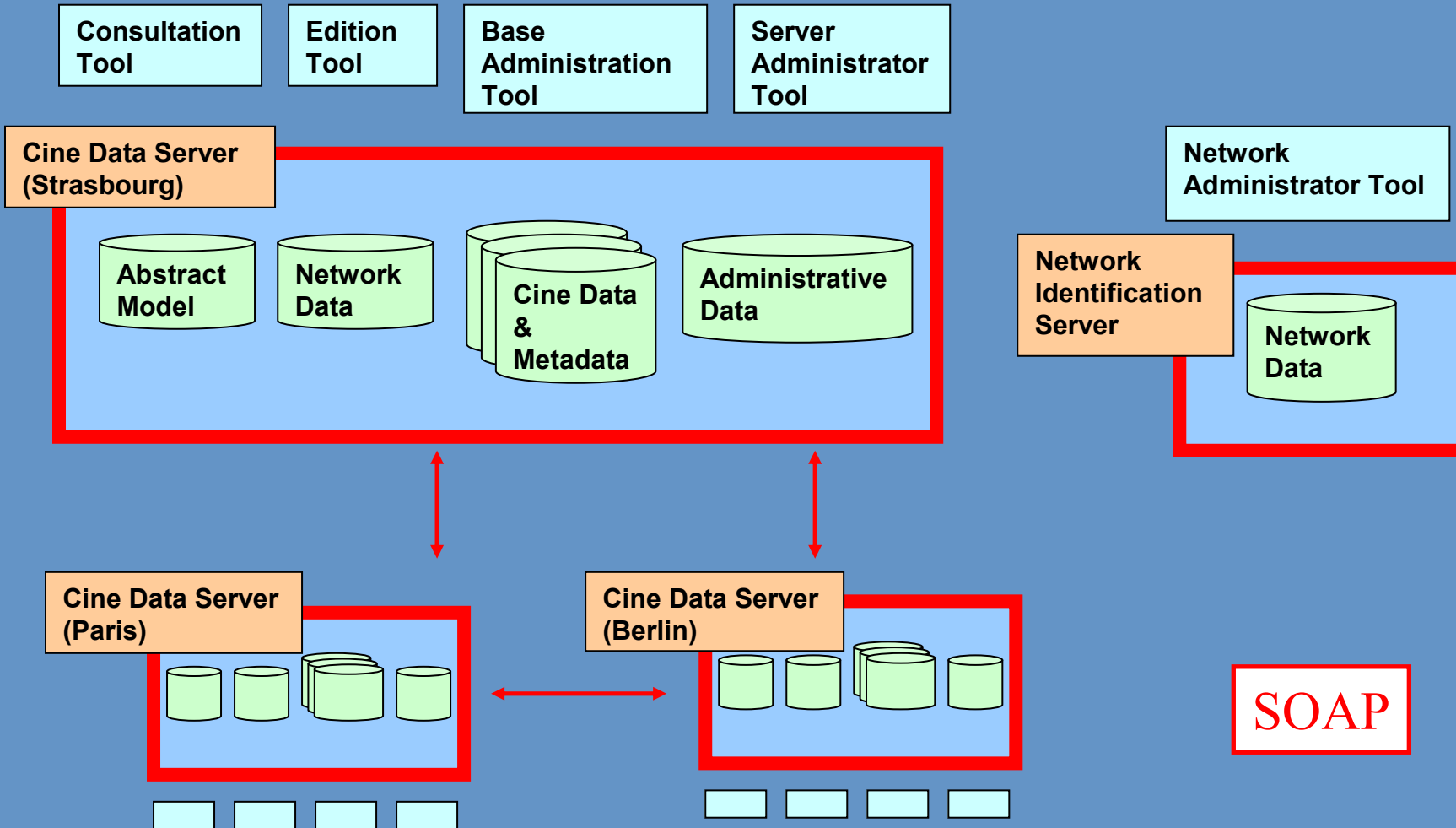
- Overview on CINERGIE
 - What CINERGIE is
 - Architecture's modules
 - SOAP as an interoperability solution
- Examples:
 - Scenario 1: adding a server to the CINERGIE network
 - Scenario 2: data import
- Conclusions and future work



Overview on CINERGIE

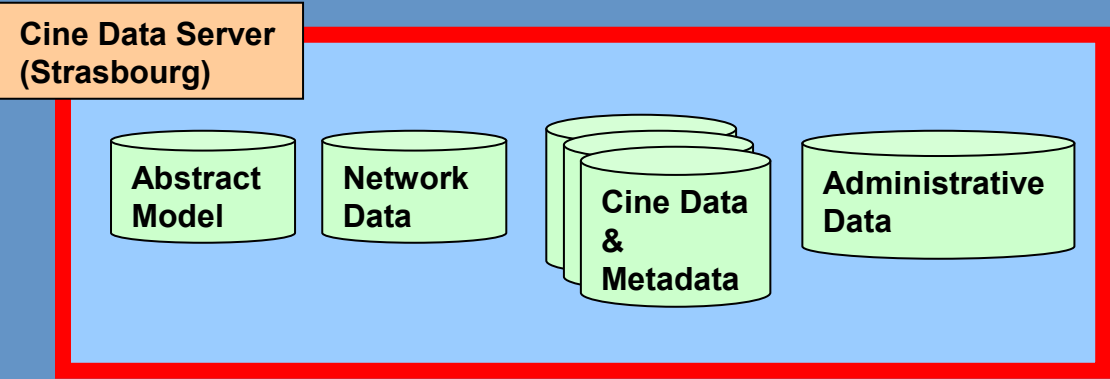
- Environment distributed over a network
- Application groupware
- Multimedia and multilingual data
- Side-by-side collaborating
- Exchange data format: XML



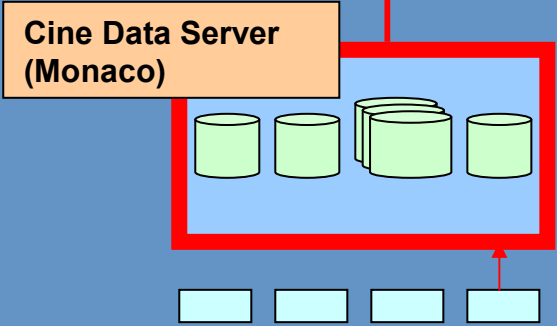
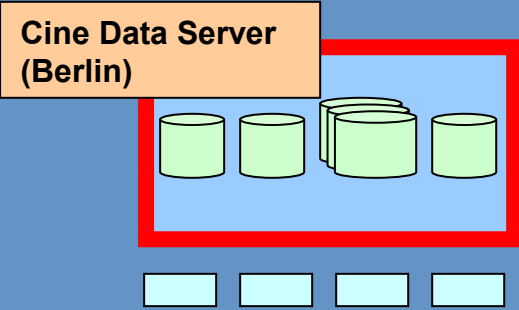
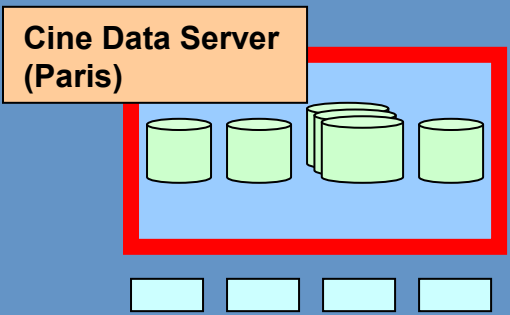
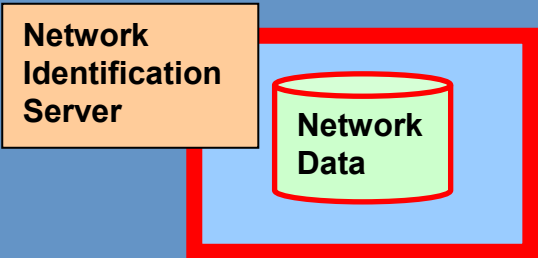


Scenario 1: adding a server to the CINERGIE network -I

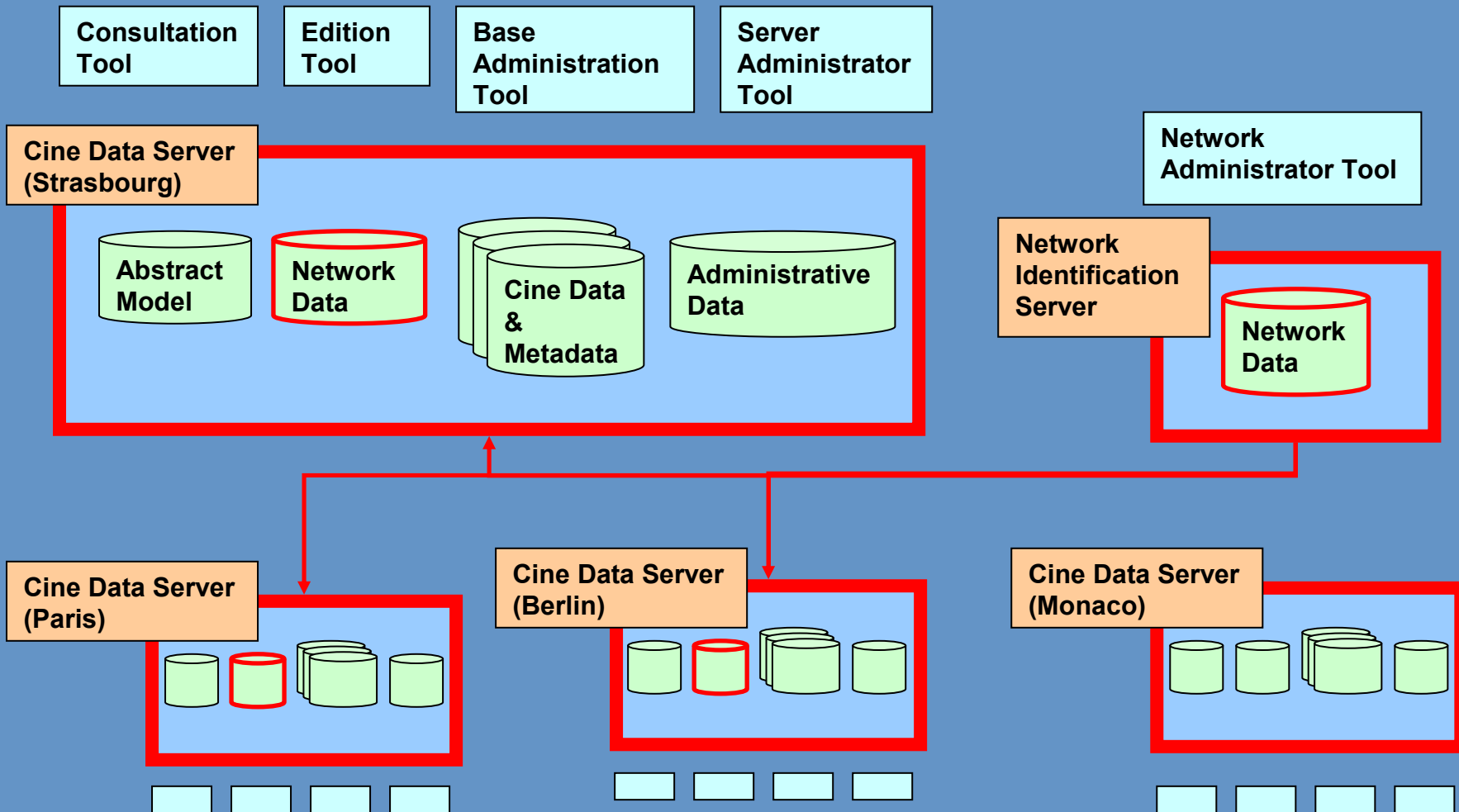
Consultation Tool
Edition Tool
Base Administration Tool
Server Administrator Tool



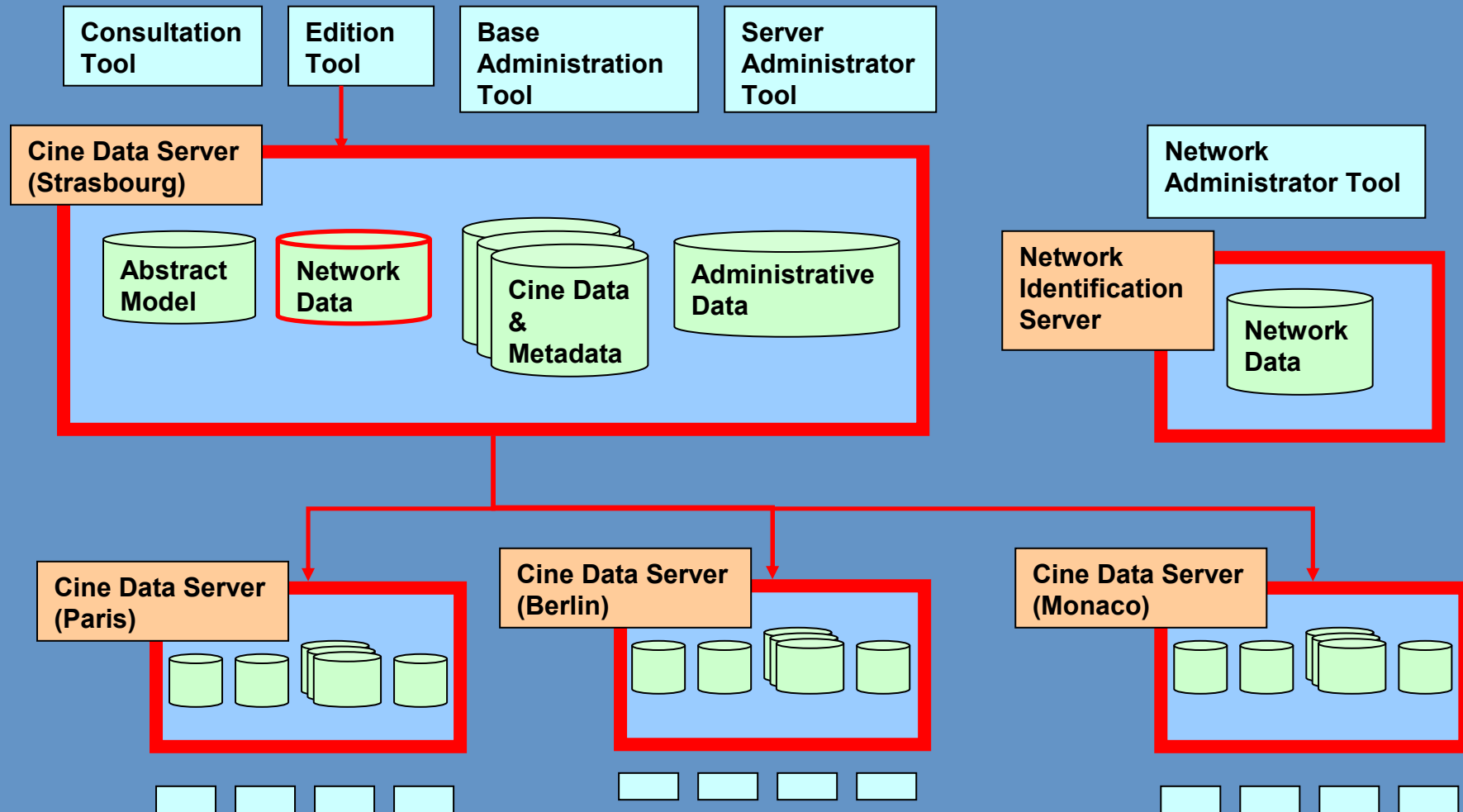
Network Administrator Tool



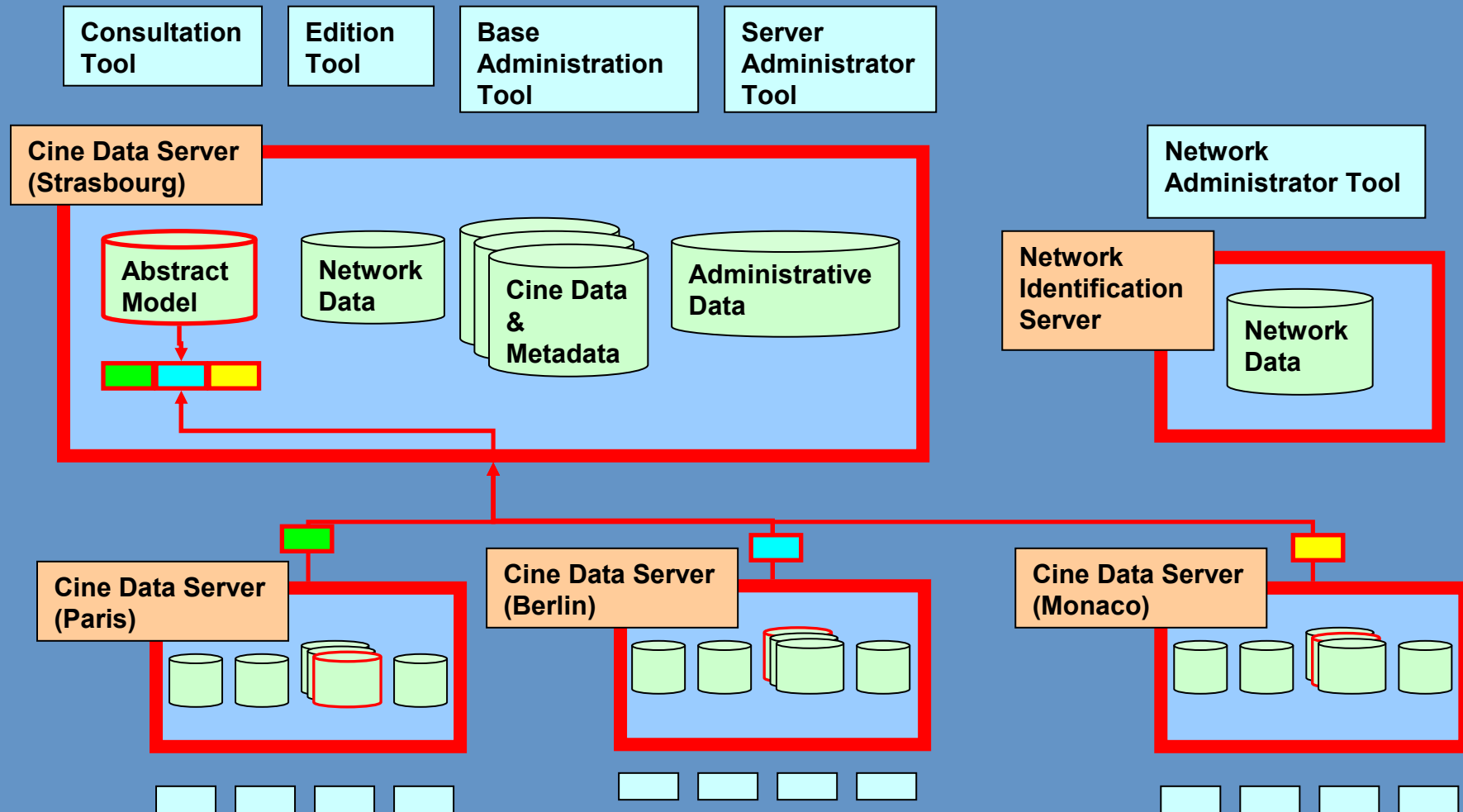
Scenario 1: adding a server to the CINERGIE network -II



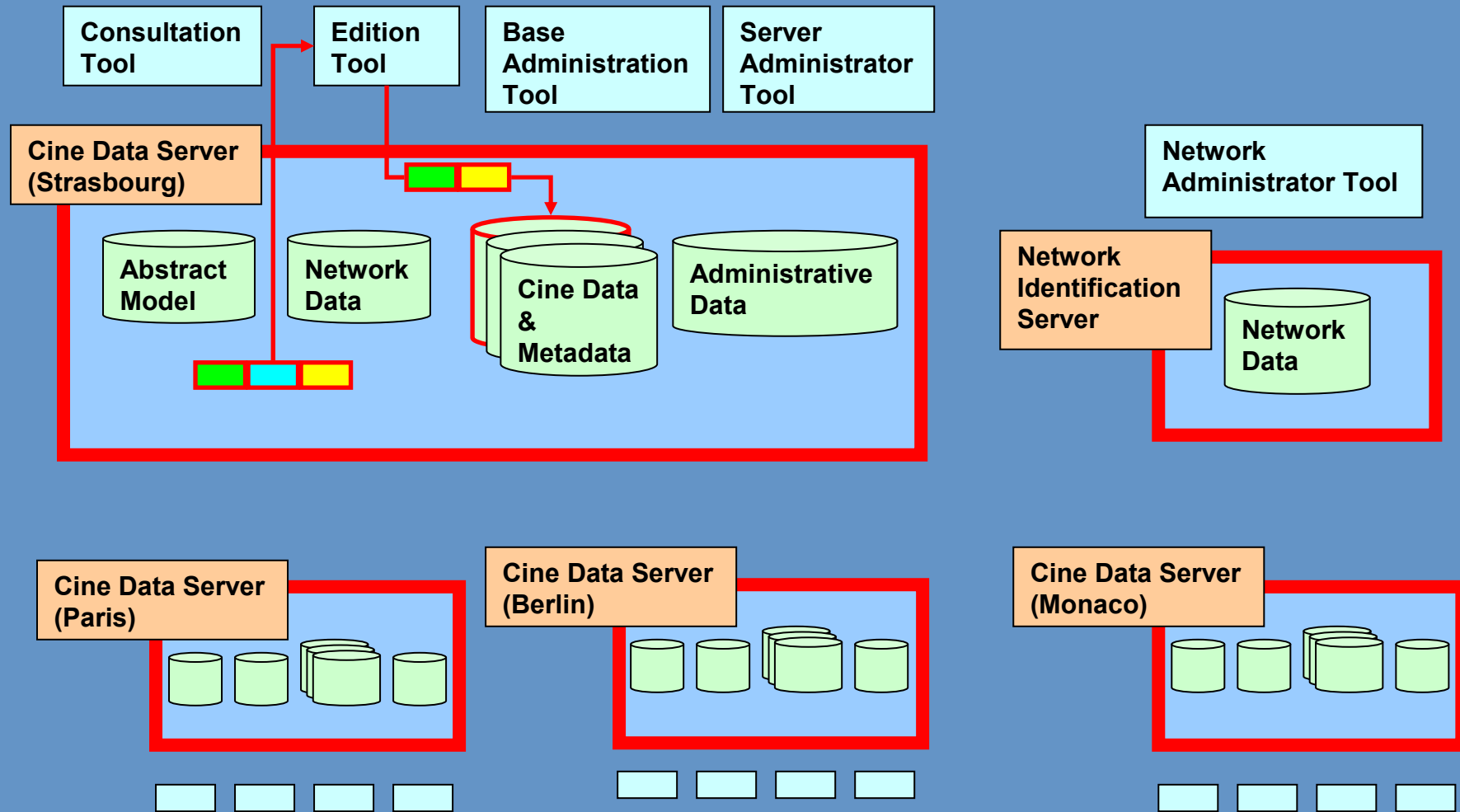
Scenario 2: data import –phase I (Dispatch)



Scenario 2: data import –phase II (Fusion)



Scenario 2: data import –phase III (Sélection)



- **Generic Architecture**
 - Domain independent
 - Easily tunable to other application domains: astronomy ?
- **Actual status**
 - Complete specification of the architecture and the methods
 - Implementation on going
- **Used technologies**
 - JAVA, XML, XSL, JSP/HTML, TOMCAT HTTP Server, SOAP (Apache Group protocol implementation)
- **Forthcoming deliverables**
 - <http://www.loria.fr/projets/CINERGIE>
 - cinergie@loria.fr