

Minimum Process Time,  
Maximum Accuracy!



# Number Portability

## Freedom of Selection Comes With New Opportunities For Operators!

Number Portability is simply the ability to transfer either a fixed line or mobile number to a different local exchange carrier. Argela offers Number Portability Solutions on both telephone operator (NP Server) and central administrator sides (Central Administrative Server). Argela Number Portability Solution offers fast, flexible and cost-effective solution providing powerful, traceable and controllable business processes which handle all mobile and fixed number porting operations as well as service porting .

## Solution Highlights

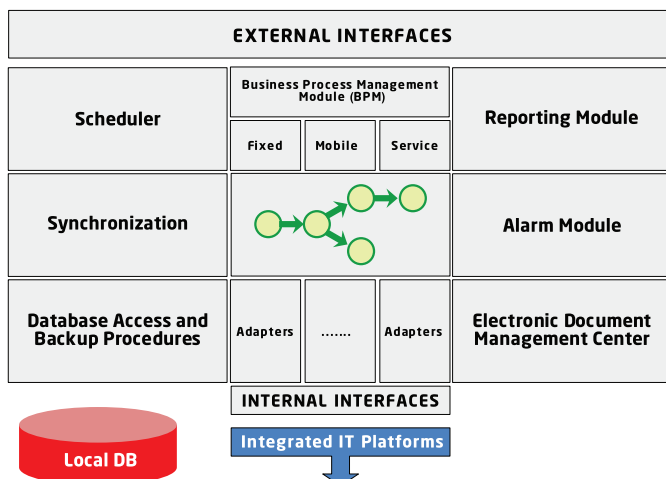
### Minimum Process Time, Maximum Accuracy!

Argela Number Portability Server manages whole number portability process beginning with the inquiry of the customer to an operator until the activation of its account in the IT systems. It is integrated to the IT network of the operator for carrying out its business and technical requirements.

The following porting types are supported:

- Mobile Number Portability
- Fixed Number Portability
- Service Portability

Argela Number Portability Solution consists of the modules that can be shaped according to the national regulatory rules, operator business rules, central database access rules and peripheral nodes. The modules are connected to each other and to the external systems via well defined standart and fast interfaces. All the porting data including historical and current routing information are stored. Network routing node can use NP Server DB as its replica.

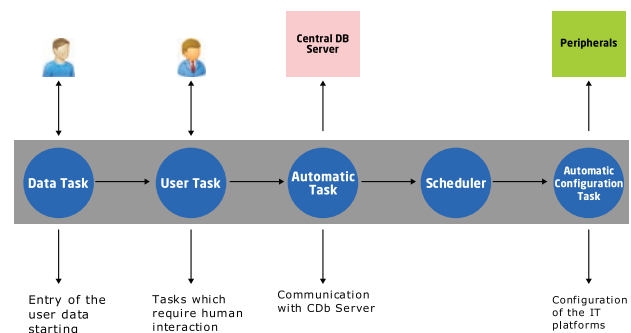


Both Central Administrative Server and Number Portability Server are tailor-made solutions. The specific rules and integrations are implemented over core functionalities :



The business and regulatory rules are implemented over Business Process Engine and Application Server. This ensures a total flexibility in process automation and user interaction. A fully automated process flow is offered.

A flow illustration on the operator side that shows basic business process is below:



## Key Benefits

- Reduced time and effort during both introduction and maintenance of number portability solution leading to reduced opex and capex arising from a mandatory development
- Flexibility leading to fast and easy changes when required by the operator

## Key Features

- Central Administrative Server and Number Portability Server have both similar characteristics on architectural and technological basis. They have a modular architecture and distributed management functionalities.
- Its layered and modular architecture facilitates the integration of back-end systems in the operators' network. Standard based interfaces are used in the integration with the peripherals. New platforms or users can easily be integrated into the system thanks to the modular and easily expandable structure of the system.
- Number Portability Server manages all phases of number porting process from the application of a subscriber until the activation of the account in receiver operator's network with easily adaptable business workflows conforming the national regulatory rules. End-to-end automation is ensured. Beside the full IT configuration, the customer interactions are managed by NP Server as well.
- It provides a powerful GUI with enhanced user management,

reporting and task management features. Process monitoring and flow management features are offered using user friendly interfaces.

- Central Administrative Server manages operators' orchestration as well as other centralized scenarios as data synchronization, operator system status management.
- Systems have high availability and scalability.
- Users who are part of the process are forced to follow the predefined procedures. There is no risk to violate the defined procedures.
- E-mail and telephone traffic is minimized. Provisioning and configuration is done in the minimum time with maximum accuracy.
- Data integrity is forced by the system. System failures are minimized and possible wasted time due to these failures is saved.

Network Convergence  
Service Delivery & Enablement  
Multiplay SDP  
IPTV  
Targeted Advertising Solutions  
Number Portability  
Professional Services  
Services Infrastructure



**ARGELA**  
*it's the passion*

[www.argela.com](http://www.argela.com)

ITÜ Ayazağa Kampüsü, Koru Yolu Teknokent  
ARI II Binası A Blok Kat. 6 34469 Maslak, İstanbul / Turkey

t : +90 212 328 12 48  
f : +90 212 328 12 47