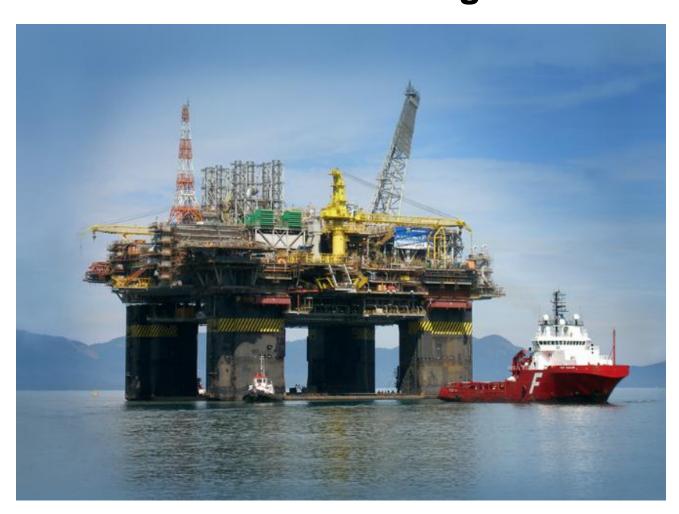


Shared Services Organization Service Catalog



Service Card Guideline

V 0D 03 16 2011 Status: draft

Content

1. (JUIDING PRINCIPLES	4
2. (GLOSSARY	4
2.1.	ACRONYMS	
2.1.		
3. (GENERAL CONSTITUTION	6
2.3.	DESCRIPTION	6
IDE	NTIFICATION AND NAMING RULES	7
3. I	DETAILED CONTENT	8
3.1.	« SERVICE DESCRIPTION OVERVIEW » SECTION	o
	« SERVICE DESCRIPTION OVERVIEW » SECTION	
	3.1.2. « Included item details » Item	
_	3.1.3. « Not included » Item	
	3.1.4. « Options » Item	
	3.1.5. « Product composition » Item	
	3.1.6. « Lifecycle and service access modalities » Item	
3.2.		
	3.2.1. « Indicator » Item	
_	3.2.2. « Family » Item	
	3.2.3. « Unit » Item	
	3.2.4. « Frequency » Item	
	3.2.5. Class « Bronze, Silver, Gold » Item	
	3.2.6. « KPI Reporting » Item	
3.3.		
3	3.3.1. « Service Accessibility » Item	14
3	3.3.2. « Contract Service Hours » Item	
3	3.3.3. « Actor Type » Item	14
3	3.3.4. « Usage Profile » Item	15
3	3.3.5. « Usage Mode » Item	15
3.4.	« Execution context » Section	16
3	3.4.1. « Geographical » Item	16
3	3.4.2. « Prequisites » Item	16
3	3.4.3. « Execution Modalities » Item	16
3	3.4.4. « Planned Availabilities » Item	17
3.5.	« FINANCIAL » SECTION	18
3	3.5.1. « Cost Driver » Item	
3	3.5.2. « Billing & Cost Unit » Item	18
3	8.5.3. « Invoicing Mode » Item	
3	3.5.4. « Price » Item	
3	3.5.5. « Financial Codification » Item	
3	3.5.6. « Client Target » Item	
3.6.	« SERVICE ACTORS » SECTION	20



V 0D 03 16 2011 Status: draft

	3.6.1.	« Service Owner » Item	20
	3.6.2.	« Manager in charge of Service Delivery » Item	20
3	3.7. « C	COMPLIANCE » SECTION	21
	3.7.1.	« Environment » Item	21
	3.7.2.	« Facilities access » Item	21
	3.7.3.	« Applicable Laws & Regulations » Item	21
	3.7.4.	« Standards » Item	21
	3.7.5.	« Others » Item	
3	3.8. « S	SECURITY AND SAFETY » SECTION	23
	3.8.1.	« Information Confidentiality / Integrity » Item	23
	3.8.2.	« Information Protection / Recovery » Item	23
	3.8.1.	« People Safety » Item	23
4.	APPEN	DIX	24
11	CEDY	VICE CADD TEMPIATE	24

V 0D 03 16 2011 Status: draft

1. Guiding principles

Each service card is designed to describe one service and you will find it inside the services portfolio and the services catalog.

A service card must follow these management and organization rules:

- 1. Each service card is under responsibility of one "service owner";
- 2. All the time, a service card will be limited to 3 releases;
- 3. The **SLA** will include service cards **by reference**.

2. Glossary

2.1. Acronyms

Acronym	Term			
CI	Configuration Item			
KPI	Key Performance Indicator			
LAN	Local Area Network			
QoS	Quality Of Service			
ISDN	Integrated Services Dedicated Network			
IP	Internet Protocol			
MPLS	Multi Protocol Label Switching			
MTBF	Mean Time Between Failure			
MTBSI	Mean Time Between Service Interruption			
sc	Service Card			
SLA	Service Level Agreement			
SMS	Short Message Service			
sso	Shared Services Organization			
Telco	Telecom			
TPnet	Technip intranet portal			
WAN	Wide Area Network			



V 0D 03 16 2011 Status: draft

2.2. *Terms*

Acronym	Term			
Accessibility				
Availability	Ability of a Configuration Item or IT Service to perform its agreed function when required. Availability is determined by Reliability, Maintainability, Serviceability, Performance, and Security. Availability is usually calculated as a percentage. This calculation is often based on Agreed Service Time and Downtime. It is Best Practice to calculate Availability using measurements of the Business output of the IT Service.			
Capacity	The maximum Throughput a Configuration Item or IT Service can deliver whilst meeting agreed Service Level Targets. For some types of CI, Capacity may be the size or volume, for example a disk drive.			
Delay				
Performance	A measure of what is achieved or delivered by a person, team or Process.			
Rate				
Reliability	A measure of how long a Configuration Item or IT Service can perform its agreed Function without interruption. Usually measured as MTBF or MTBSI.			



V 0D 03 16 2011 Status: draft

3. General constitution

2.3. Description

The service card is organized in 8 sections:

- 1. **Service description overview**: Describes the service in simple terms as it could be understood by any employee within the organization. It must describe the exact limits of the service explaining the options, what is not included, the subscription period and how this service could be accessed.
- 2. **Service Levels**: Describes all the service levels with their exact execution context. The engagement is formalized as a service agreement in this section. Performance will be managed as a recurrent report including enterprise indicators (KPI) including intrinsic indicators, economic indicators or technical indicators. Within the service catalog, engagement levels described will be unique for all the clients but, on a case by case basis, they could follow negotiated evolutions that will be recorded in the service agreement.
- 3. **User context**: Describes service accessibility and usage characteristics by actors profile that could be either an individual or an organization.
- 4. **Execution context**: Describes the service delivery practical details within a given place and at a specific time.
- 5. **Financial**: Presents all the service delivery economic conditions by describing costs structures.
- 6. **Service actors**: Describes the 2 actors that are involved in the service delivery. They are identified either as individual or organization name.
- 7. **Compliance**: Explains how the organization makes citizen efforts to the community and environment benefits and how strong is his laws and regulations respect is enforced. Relies to International standards and company policies.
- 8. **Security and safety**: Explains how people safety and assets security laws, regulations and standards are enforced. People safety relies to body protection while assets security relies to buildings, technical infrastructures, documents and information.



V 0D 03 16 2011 Status: draft

Identification and naming rules

Each service card has a unique identifier within all the organization service cards.

This identifier is composed of:

- Name: Service name (level 1 or 2) as described in the services categories matrix WAN Access
- Category : Category name as described in the services categories matrix Connectivity
- **Reference**: Numeric identifier associated to the service name as described in the services categories matrix -2.1.1
- **Release**: Gives the service card release number (X.Y format starting from 0.1) and publication date (English format) -v 1.0 03 28 11
- **Status**: Gives how the service card is documented and applicable according to the following list:
 - ✓ **Not started**: The service is identified within the services categories matrix but not yet described
 - ✓ **Execute** : Under writing
 - ✓ **Define** : Waiting for validation
 - ✓ **Applicable**: Validated, ready to be used
 - ✓ **Retired** : Obsolete, no more applicable
- **File name**: file name according to following format: « SC **Reference Name**.doc » SC 2.1.1 WAN Access.doc



V 0D 03 16 2011 Status: draft

3. Detailed content

All the following examples used to illustrate items description are based on the service card SC 2.1.1 - WAN Access.doc

3.1. « Service description overview » section

3.1.1. « Client service description » Item

Client visibility : 🔀

Goals:

Service general and functional description from a customer and an enduser point of view. This description must use basic terms that will allow anybody to understand clearly what's about.

Example:

WAN Access service provides a standard and secured site interconnection for Technip locations, including offshore.

This service includes:

- ✓ Client connection initial setup
- ✓ Telco provider contract and operation management
- ✓ WAN link operation and monitoring
- ✓ IP address management compliant with Technip standards

Advices: Use short phrases (subject, verb, and complement). Take simple and real life examples. Up to ten lines.

3.1.2. « **Included item details** » Item

Client visibility : \boxtimes

Goals:

Describes service components. The goal here is to make clear all the deliverables and linked services that are required to deliver the service all along his life cycle from subscription till end of service.

Example: 1. Initial setup

- 1.1. Link creation
- 1.2. Configuration: bandwidth, backup link, performance (QoS)
- 2. Monitoring
 - 2.1. Physical link monitoring
 - 2.2. Proactive notification and incident resolution
 - 2.3. QoS management based on fives groups (data, file transfer, video, voice over IP, phone)
 - 2.4. Periodic test of backup links
- 3. Security services
 - 3.1. Secured WAN access points
 - 3.2. Backup link with lowest bandwidth and performance
- 4. WAN service management
 - 4.1. Capacity management (based on client requirements and monitored inbound and outbound bandwidth values)



V 0D 03 16 2011 Status: draft

4.2. Telco provider relationship and contract management

Advices: Service decommissioning doesn't means stopping service delivery for all services: few services like legal archiving remains up all the time required by the law and regulations to access archived data. This means service price includes those extra costs.

3.1.3. « **Not included** » Item

Client visibility : 🛛

Goals:

List all service components that are not included in the service delivery and that will not be covered by the « Options » item. These components could be delivered by other services from this catalog (make reference to the services within the catalog) or they are not available.

Example:

- ✓ Messaging service (see service ref: 5.1.0)
- ✓ Internet access (see service ref: 2.1.2)
- ✓ LAN infrastructure architecture and setup on Technip Locations
- ✓ Workstations and related services (see service ref: 4.2.0)
 Conferencing Media (audio, video, web) (see service ref: 5.2.0)

Advices: Take care to identify all the services a client could expect, then exclude those that are not in your delivery perimeter.

3.1.4. « **Options** » Item

Client visibility:

Goals:

List all items that could improve the standard service offering. These options could be taken individually or as a whole. Each option will be valued on a case by case basis. You can have an option that provides a technical component (i.e. firewall).

Example:

- ✓ Dedicated QoS (quality of service) management settings according to service level
- ✓ Redundant links with related architecture (depends on QoS)
- ✓ Secured access to WAN network (firewall)

Advices: Drastically reduce the number of options as each one could have potential huge impacts on service levels.



V 0D 03 16 2011 Status: draft

3.1.5. « **Product composition** » Item

Client visibility:

Goals:

List hardware components that are involved in the service delivery.

Example: - Telco links: primary and backup

- Router

- Connection (cable or satellite depends on client geographical position)

Advices:

This list is part of the corporation standards for hardware and solutions

delivery.

3.1.6. « Lifecycle and service access modalities » Item

Client visibility:

Goals:

A service could be either recurrent (renewal cycle) or special event based (life time known at subscription). This item describes the service delivery life cycle: subscription, proposal, customer agreement, provisioning, and delivery and close out. It gives the service subscription life time and, when applicable, renewal rules. For service close out, it gives notice and closing conditions, including data management.

Example: Subscription process:

- 1. Client provides specifications
- 2. Technip proposal
- 3. Agreement signature
- 4. Setup
- 5. Operations with bandwidth and usage optimization

Duration:

Unlimited except for specific projects

Disengagement conditions:

3 months before end of service

Advices:

A special event based delivery could be expected for all services from the catalog. But agreement workload will become dramatically complex and represent a huge workload, so the reasonable way is to limit the number of special event based services to up to 2% or 3% of the services catalog.



V 0D 03 16 2011 Status: draft

3.2. « Service Levels » Section

3.2.1. « **Indicator** » Item

Client visibility : 🖂

Goals: Information's value used to estimate a service or service component

level. It is either measured, or computed, or both. This indicator is

unique as it relies to a repository.

Example: Wan link availability, time to repair after incident

Advices: Focus on measurable indicators that will be understood by everybody, and

that has a direct link with real life operations.

3.2.2. « **Family** » Item

Client visibility:

Goals: Categories used to categorize indicators and relying to a fixed list.

Example: Availability, Performance, Reliability, Capacity, Accessibility, Delay, Rate

Advices: Family list improvement is under one corporate manager responsibility.

3.2.3. « **Unit** » Item

Client visibility : 🛛

Goals: Unit to state the indicator.

Example: %

Advices: Select easily understandable stating units from operations point of view.

Don't invent new units!



V 0D 03 16 2011 Status: draft

3.2.4. « **Frequency** » Item

Client visibility : 🖂

Goals:

Indicator publishing frequency. This time slice will be used for the indicator measure/computation. You can expect to manage calendar recurrent or calendar rolling indicators.

Example: Monthly

Advices: Do not use short time slices to avoid huge data volumes to manage.

3.2.5. Class « Bronze, Silver, Gold » Item

Client visibility : X

Goals:

Service levels used to commit between a customer and a provider. Selected levels are Bronze, Silver and Gold for all services, Gold is the highest level. A level is characterized by an indicator value, this value could either define a nominal mode, a degraded mode or a growing mode (service requests unplanned growth).

Example: Bronze: 99,5% Silver: 99,7% Gold: 99,9%

Advices:

Do not select values to demonstrate you are able to provide high levels of delivery. The value to select must have a reasonable meaning from an economic point of view and should be compatible with an improvement process. In other words "start low to grow and not the opposite" or "take your teams in a success approach". The choice could be helped using upstream constraints like providers. At the opposite, take care to not expect strong service levels from your providers as the final cost will became too high (including the risk rate they will not be able to respect their commitment).



V 0D 03 16 2011 Status: draft

3.2.6. « **KPI Reporting** » Item

Client visibility : X

Goals:

Key Performance Indicator. List main indicators that will be included in the recurrent reporting. Report publishing frequency is independent from reported indicators measure/compute frequency. This list must contain at least all indicators used to define the service level. It could be complemented with other indicators that could explain how service levels are sustained and the execution context.

Example: Monthly report including trends describing (by site):

- Primary MPLS link bandwidth
- Primary link outbound data flow
- Time to deliver the service
- Latency
- Site availability
- Primary link recovery delay
- list of changes (planned and unplanned) and events
- list of planned changes for next month
- list of outage and duration

Advices:

Build your report based on indicators with values that change value over time: an indicator with a stable value has no interest so the advice is to cancel it from the report. Keep in mind the "improvement rule".



V 0D 03 16 2011 Status: draft

3.3. « User context » Section

3.3.1. « Service Accessibility » Item

Client visibility :

Goals: Gives area(s) where the service could be accessed. Worldwide or Global

means it is accessible from any area within the group, otherwise specific

areas and/or countries and/or towns are listed if required.

Example: Area A, Dallas

Advices: You can list more than one areas and/or locations and/or towns.

3.3.2. « Contract Service Hours » Item

Client visibility : 🖂

Goals: Time slot to use where service levels defined in section « 3.2. Service

Levels » will be applied.

Example: 24x365, last week of the month, every end of project

Advices: You can have more than one time slot.

3.3.3. « **Actor Type** » Item

Client visibility : X

Goals: Describes the actor(s) with his roles and assignments that will use this

service. They could be individuals or internal/external entities (client,

partner).

Example: - IT department

- Facilities actors

- IT and business project context (limited duration)

Advices: You can have more than one actor. The advice is to rely on enterprise

published directory and organization chart.



V 0D 03 16 2011 Status: draft

3.3.4. « **Usage Profile** » Item

Client visibility : 🖂

Goals:

Explains how the service will be used by clients (actors described above) according to well known profiles like daily, weekly, monthly or season based profiles.

Example: Daily Profile: e-business web site



Monthly profile: Payroll is executed each month 2 days before end of month to ensure credit on employee's accounts occurs on last day.

Season profile: New year wishes sent on 1st of January, each year, by SMS. On December, each year, BC transactions number is huge.

Advices:

Each day, month or year could have a specific profile. The target is to look for and put at first level recurrent comportments rather than going in deep details.

3.3.5. « **Usage Mode** » Item

Client visibility : X

Goals:

Explains how this service will be used: recurrent on special event based.

Example: Recurrent / Special events

Advices: Try to manage the most of services on a recurrent base, as special event

based services require a case by case quote.



V 0D 03 16 2011 Status: draft

<i>3.4.</i> «	Execution context » Section
	3.4.1. « Geographical » Item
	Client visibility :
Goals:	Indicates where this service will be executed by the provider.
Evample .	Centralized to Paris area. Localized.
Example:	Centratizea to Faris area. Localizea.
Advices:	
	3.4.2. « Prequisites » Item
	Client visibility :
Goals:	List of all conditions that will be enforced to ensure a good service
	execution quality all along his life cycle. If not, initial mutual
	commitment could be broken.
Example:	 Customer agreement signed with initial specifications and capacity plan Technical context validation before running Site context: bandwidth & latency validation before service level agreement Monthly recurrent 1 year capacity forecasts (data volume, bandwidth,)
Advices:	Take care when working on this item as it relies directly to engagements.
	3.4.3. « Execution Modalities » Item Client visibility:
Goals: Describes time slots for the service to be delivered according	
	levels from a provider point of view.
Example:	24x7x365
Advices:	Time slots must be synchronized with usage context and with your service providers.



V 0D 03 16 2011 Status: draft

3.4.4. « **Planned Availabilities** » Item

Client visibility :

Goals:

Explains how maintenance periods or emergency periods will be planned with full client acknowledgement. This rule is to avoid these periods in the service level availability indicator measure and compute. In all other situations you must create an incident.

Example: - Communicated to client at monthly meeting

- Urgent actions must be communicated to the client at least 3 days before

Advices: Take care to define it as soon as possible in the negotiation process with

your client.



V 0D 03 16 2011 Status: draft

3.5. « Financial » Section

3.5.1. « **Cost Driver** » Item

Client visibility : X

Goals: Describes all parameters that will impact service cost that could be

used to bill the service. Note they could be used as bill reduction from

a client point of view.

Example: - Setup delay

- Site context: bandwidth/availability/recovery

Advices: Try to select parameters that could influence client usage profile.

3.5.2. « Billing & Cost Unit » Item

Client visibility :

Goals: Explains service cost structure for each client with billing units:

- Initial cost: items used to build subscription cost

- Recurrent cost: items used to build usage cost

Example: - initial costs:

- Implementation context (earth, offshore, desert, ...)

- Architecture redundancy

- recurrent costs: bandwidth (access line + backbone)

Advices: Try to avoid parameters that will generate a large number of detailed items

with the consequence of a huge workload to calculate costs. Prefer fixed rate items rather than usage based items that will require a "case by case"

measure and management.

3.5.3. « **Invoicing Mode** » Item

Client visibility : \boxtimes

Goals: Defines billing mode and frequency.

Example: Quarterly Billing (to be validated)

Advices: Try to avoid high frequency billings because of billing costs: prefer

quarterly billing compared to monthly billing.



V 0D 03 16 2011 Status: draft

3.5.4. « **Price** » Item

Client visibility : 🖂

Goals: Tax free cost billed to client: could be fixed rate or usage based.

Example: Fixed rate $30 \in +$ overrun $12 \in -42 \in$

or unit price 15 € * 250 units used = 3,750 €

Advices: Prefer fixed rate to free the provider against services with no or low usage.

3.5.5. « Financial Codification » Item

Client visibility :

Page 19

Goals: Financial codification for billed service.

Example: To be defined

Advices: Catch up with Finance colleagues to get a codification system that

conforms to your corporate standards.

3.5.6. « Client Target » Item

Client visibility : 🖂

Goals: Among potential customers, list those that can subscribe the service.

Example: Region A customers, worldwide external providers

Advices: You can have more than one customer and provider allowed to subscribe

the service.



V 0D 03 16 2011 Status: draft

3.6. « Service actors » Section

3.6.1. « **Service Owner** » Item

Client visibility :

Goals: Identifies the individual in charge of service definition and

improvement. It is responsible for service efficiency.

Example: John FILLER

Advices: Must be unique all over the company.

3.6.2. « Manager in charge of Service Delivery » Item

Client visibility : \boxtimes

Goals: Identifies the individual(s) in charge of service delivery.

Example: Michael CHANG: B area

Pierre DUPONT : Paris

Advices: Prefer to select individuals that could have an influence on service delivery

operations and with a good communication skill.



V 0D 03 16 2011 Status: draft

3.7. « Compliance » Section

3.7.1. « **Environment** » Item

Client visibility :

Goals: Describes how service delivery is optimized to reduce environmental

impact.

Example: - Green datacom rooms as they minimize power consumption

- Recycling managed by IT Corporate according to internal standards

Advices: List all points that have a positive result to reduce service delivery

environmental impact: power, footprint, recycling. Contact your ISO 14000

quality manager.

3.7.2. « Facilities access » Item

Client visibility : 🖂

Goals: Describes all rules enforced to control service production areas physical

access.

Example: Datacom rooms access control is based on nominative authorization only.

Advices: To do when physical controls are based on nominative and/or personal data

(biometry, name) recorded in files that are eligible to legal registration.

Contact your Information Security Officer for help.

3.7.3. « Applicable Laws & Regulations » Item

Client visibility : X

Goals: List of laws and regulations the service and his environment must be

compliant with.

Example: Based on European Technip policies and standards that achieve the best of

international regulations.

Compliant with: to be defined

Advices: Contact your Risk Manager for help.

3.7.4. « **Standards** » Item



V 0D 03 16 2011 Status: draft

Client visibility : \boxtimes

Goals: List of all standards (best practices, policies) the service complies with.

Example: Example 1: Technip standards and policies are applicable.

Example 2: ISO 27001

Advices: Contact your quality officer for help.

3.7.5. **« Others** » Item

Client visibility :

Goals: Any other information that could help about laws and regulations

conformance.

Example:

Advices:



V 0D 03 16 2011 Status: draft

3.8. « Security and safety » Section

3.8.1. « **Information Confidentiality / Integrity** » Item

Client visibility : X

Goals: Explains how client data integrity and confidentiality are managed. To

be declined according to every country where the service is executed

and accessed/used.

Example: Data integrity and confidentiality is under full client responsibility.

Telco provider guarantee data integrity and confidentiality (see telco

contract)

Advices: Contact your Information Security Officer.

3.8.2. « Information Protection / Recovery » Item

Client visibility : X

Goals: Explains how the service execution could benefit from infrastructure

protection rules and how it could be restarted on a recovery site in case

of a disaster or a long time service interruption.

Example: - Data protection is not under telco provider responsibility.

- Recovery is operated by telco provider according to contract.

Advices: Contact your Information Security Officer and the site manager in charge of

DRP (Disaster Recovery Plan).

3.8.1. « **People Safety** » Item

Client visibility : X

Goals: List all laws and regulations the service complies with for people safety.

To be declined according to countries.

Example: People safety is compliant with Technip policies and standards, except if

local regulation requires highest levels.

Advices: Contact each site manager where the service is executed.



V 0D 03 16 2011 Status: draft

4. Appendix

4.1. Service Card Template

Tech	nip

S.S.O. Service Catalog

v X.Y MM DD YYYY Status: Define

Ref: "0.0.0"

Service: "Service Name" Category: "Service Category"

Workshops Name Date Office Phone Service Owner Service Manager Actors: Thierry CHAMFRAULT Adria +33 147 786 917

Not Started :	Execute :	Define :	Applicable :	Retired :	
CEDVICE	Client service desc	ription			
SERVICE					
DESCRIPTION	Included items det	ails			
OVERVIEW	Zitelinieu ileino ilei				
	Not included				
	Options				
	Product composition	on			
	Lifecycle and servi	ice access modalit	ies		
	Ligeofele una servi	ice access mountin	ici		

CEDVICE	Indicator Family U		Unit	it Frequency	Service Class		
SERVICE LEVELS	Indicator	2 umay	Cna	2 requesty	Bronze	Silver	Gold
	KPI Reporti	ng ng					

Page 1 SC 0.0.0 - Service Name.doc



V 0D 03 16 2011 Status: draft



S.S.O. Service Catalog

v X.Y MM DD YYYY Status: Define

Service: "Service Name"

Ref: "0.0.0"

Category: "Service Category"

	Service Accessibility
USER	
CONTEXT	Contract Service Hours
CONTEXT	
	Actor Type
	Usage Profile
	There Made
	Usage Mode
	Geographical
EXECUTION	
CONTEXT	Prerequisites
001,12111	
	Execution Modalities
	Planned Unavailabilities
	Planned Unavailabilities
	Cost Driver
FINANCIAL	
	Billing & Cost Unit
	Invoicing Mode
	Price
	Title
	Financial Codification
	The state of the s
	Client Target
	Service Owner
SERVICE	Managar in charge of Carries Delivery
ACTORS	Manager in charge of Service Delivery

SC 0.0.0 - Service Name.doc

Page 2



V 0D 03 16 2011 Status: draft



S.S.O. Service Catalog

w X.Y MM DD YYYY

Service: "Service Name"
Category: "Service Category"

Ref: "0.0.0"

Status: Define

	Environment
COMPLIANCE	
	Facilities Access
	Applicable Laws & Regulations
	Standards
	Others
	Information Confidentiality/Integrity
or or press	

SECURITY
AND SAFETY

Information Protection/Recovery

People Safety

SC 0.0.0 - Service Name.doc Page 3