



Dictao



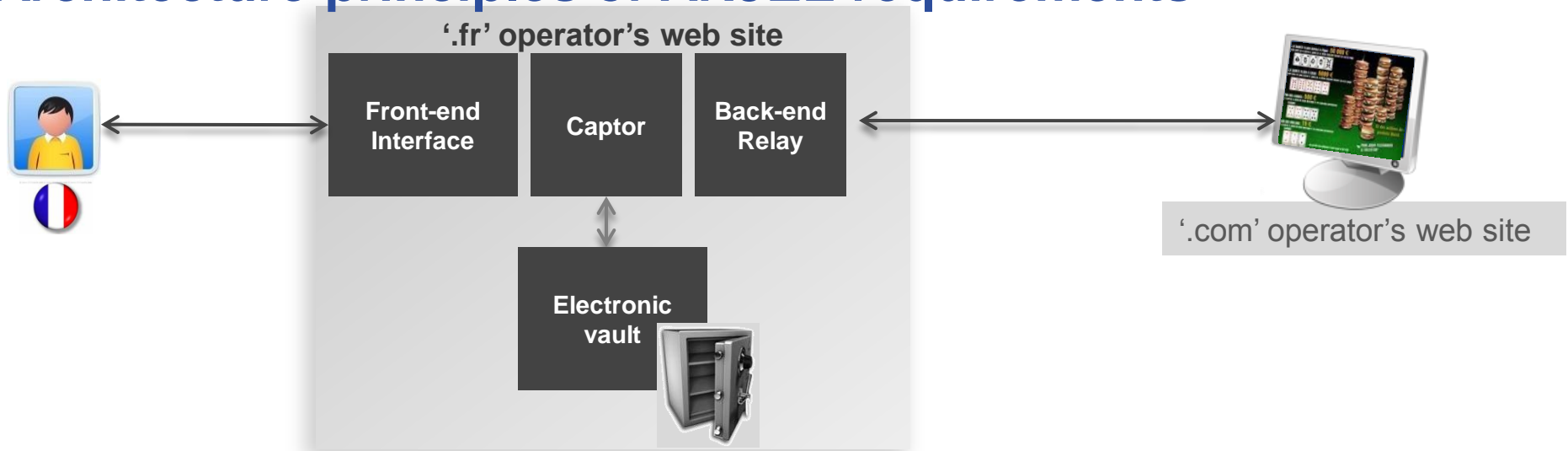
The trusted solution for online gambling operators in France
Making a Play in the French Online Gambling Market: Part II
Gambling Application and Requirements

26/05/2010

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Architecture principles of ARJEL requirements



- *Article 22 : "Operators shall be required to archive, in real time and on a physical medium located in France, all data mentioned...All data exchanged between the gambler and the operator shall pass through this medium." (Unofficial translation)*
- Tracing of application data on a « frontal ».
- The frontal must be physically on French soil and logically between the gambler and the operator's backend systems
- The operator is responsible for hosting and running the frontal

A closer look at the frontal

Component	Key point
Front-end interface	Some of the ARJEL requirements impact the user interface because of the principle to only log information that has been viewed by the player
Captor	The calls to the vault must under normal circumstances be synchronous. Only under exceptional circumstances can the processing be queued. ARJEL imposes the XML formats for the events.
Back-end relay	The calls to the backend must be synchronous. Only when there is confirmation from the backend that the request has been processed correctly can the even be written to the vault.
Electronic vault	The software must be CSPN certified and implement specific ARJEL interfaces.

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ARJEL File : some key points and figures

- About 150 technical requirements ...
- .. grouped in 4 folders, each dealing with a specific topic
- Documents in French
- From about 2000 pages to 7000 pages
- Without hosting services:
 - Dictao provides 30 documents ; operator about 100 documents
- With hosting services:
 - Dictao - Colt : 70 documents ; operator about 100 documents
- 5 DVD for technical aspects
- 5 DVD for other aspects (administration, finance, organization)
- 2 DVD for source code (gaming software + capteur + vault)
- 1 paper version of everything (but the source code)

A blue, stylized illustration of a bridge or archway structure, composed of a grid of lines, extending from the left side of the slide towards the center.

Dictao – Colt deliverables for the hosted solution

● Cahier des charges section 11:

- Vault software editor statement
- Dictao will provide the exact location of the vault. You will still have to specify the exact location of the capteur
- CPSN submittal receipt
- CPSN target
- Detailed description of the key ceremony to initialize the vault (including a precision about the role of the keys)
- Functional architecture
- Detailed specifications (including the algorithms used)
- Test reports
- Source code encrypted with the ARJEL public key
- Administration and operation documents
- Software development coding policy
- Vault risk analysis
- Technical architecture
- Designation of COLT as hosting provider
- Procedures used to prevent unauthorized access
- Physical access security
- Supervision and operation procedures
- Change management procedures
- COLT certifications

A decorative graphic in the top-left corner showing a blue, semi-transparent bridge structure with a complex truss design, receding into the distance.

Operator's deliverables

- Cahier des charges sections 3-10
 - Legal, organisational and financial information
 - Description of games offered to French players
 - Prevention of fraud and criminal activity (money laundering,...)

- Cahier des charges section 11
 - Technical architecture of gaming platform
 - Security audits
 - Technical information on capteur
 - IT maturity
 - IT security management

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Latest updates from ARJEL

- New event types for poker allow tracing of the events after the completion of a hand (and not for each gaming event)
- Very detailed implementation guidelines on the blacklist check
 - Service provided by ARJEL
 - Based on DNS
 - Initial check at user registration and then monthly for all the users
- HSM required for generating the signatures within the vault
- No more physical seal on the vault hardware required, as long as organizational procedures trace all accesses to the servers hosting the vault.

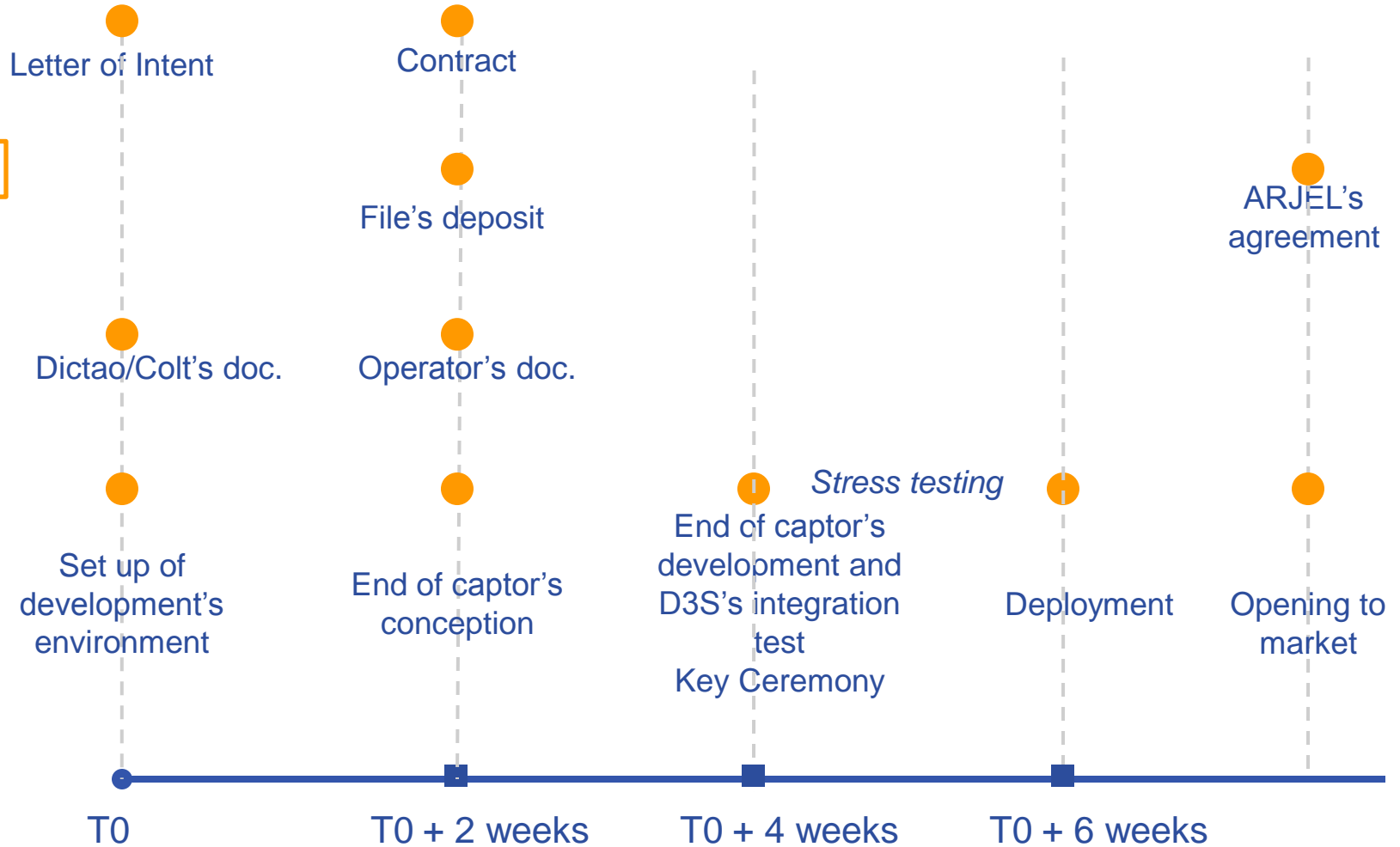
Calendar

Contractualization

ARJEL Agreement

Documentation

Development





Appendix

Dictao software developer

- Dictao is the benchmark software developer for:
 - Strong authentication
 - Electronic signature
 - Electronic vault

- Dictao is the only software company with a solution suite proven in various contexts (e.g. transfer orders, online contracting, electronic invoicing, online tax and VAT declarations) and certified at the EAL3+ level of the international Common Criteria standard by France's Central Information Systems Security Division (ANSSI)



Dictao supports:

- The banking sector**, in securing online transactions for both personal and corporate clients, for example: securing portals, and facilitating corporate online transfer orders, online contract agreement for personal clients and regulatory reporting (COREP, FINRP, BAFI) to the Commission Bancaire



- The industrial sector**, in realizing extended enterprises (e.g. electronic purchase orders, invoices, pay stubs, etc.)



- The public sector**, in its effort to modernize the French State through online procedures



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Dictao's frontal solution

- As of May 26th, approximately half of ARJEL submission deposited during the first batch (between the 18th and the 22nd of May, 2010) included Dictao as the provider of the compliance service/electronic vault software
- Comprehensive, it includes, in particular:
 - Electronic vault, Dictao Secure Storage Server
 - Support for obtaining ARJEL licensing
 - Hosting, registration and payment services (with our partners)
 - Please contact us for questions and issues regarding the captor/probe
- Compliant with ARJEL functional and security requirements
 - Dictao guarantees the CSPN certification of its electronic vault product (D3S) by FNISA (French Network and Information Security Agency)
 - Compliance with future ARJEL requirements is also guaranteed
- Time-to-market results
 - Off the shelf and already upon running
- Scalable:
 - Supports loads of all size: from 10 to more than 15 000 TPS
 - Supports new authentication methods (credit card, reader, USB token, etc.)
- Fit to the operator's business model :
 - License agreement
 - Hosted turnkey solution service at a fixed annual cost based on the levels of performance requested by operators



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Download the White Paper

« The trusted solution for online gambling operators in France »
www.dictao.com



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