



Automated Consent Management Solution/ Solution de Gestion des Accès et du Consentement (SGAC)

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1. Business Opportunity / Opportunité d'affaires

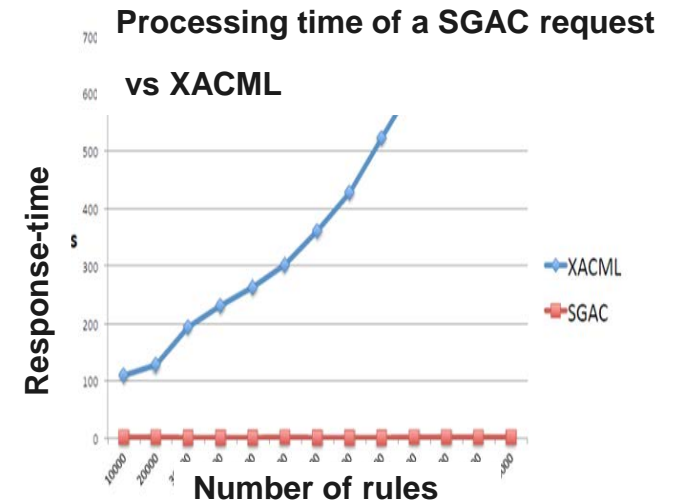
- Developed in collaboration between UdeS and CIUSSS-Estrie-CHUS, the architecture « maximize the confidentiality of personal data while ensuring the safety of patient » :
 - It gives more flexibility in access management
 - while maximizing response-time performance of the system

The solution is industrial grade, is ready for implementation, it is THE more powerful access control tool on the market in terms of flexibility, functionality, as well as processing efficiency)



3. Commercial Advantages / Avantages commerciaux

- **User-friendly** : very simple, powerful, flexible language for the expression of access rules
- **High-performance (Response-time)** : Supports large rule bases (tested with > 1 million rules and > 20 000 users, with an average response time < 3ms per access request)
- **High-performance access controller** (rule indexing algorithm, simple and efficient priority management between rules)
- **Robust** : Designed for 24/7 operation
- **Real-time** security policy updates
- **Operates in client-server mode** (REST interface)
- **Scalable** (Node.js servers)
- **History follow-up : Audit trail, Can rollback the rules** base to restore any historical state (for analysis in case of court challenges or otherwise)
- **Graphical tool** : for visualization and validation of rules and access, simulation of access, etc



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