**eMC+**
The electronic Mining Cadaster framework

**About eMC+**
eMC+ encompasses GAF’s framework for providing Mining Cadaster authorities worldwide with a complete package of services and a platform tailored to the specific requirements of the cadaster domain.

The eMC+ framework is designed to increase institutional capacities and efficiency by delivering a comprehensive mineral tenure management solution.

**eMC+ components**

**Tailored services**
The eMC+ framework provides all services relevant to a sustainable implementation of a modern Mining Cadaster. Whether it is the analysis of the legal framework or procedures, requirements specification, data consolidation and migration, or capacity building: eMC+ delivers the support and helps strengthening the capacities of cadastral organizations.

**Technical assets**
The eMC+ platform includes a scalable, open, and GIS- and web-based mineral tenure management platform with configurable workflows and business rules. Through its modular design, it allows establishing a tailored solution by only selecting the components that are actually needed. eMC+ provides an efficient way to manage mineral tenures.

**Key advantages**

- Review and analysis of the legal framework (Mining Act and Regulations)
- Assessment and optimization of workflows and business processes
- Specification of users and user groups
- Definition and design of cadastral documents and forms
- Support the data capturing through dedicated tools

**Technical assets**

- Based on open source software technology
- No additional costs for 3rd party software licenses
- No vendor lock-in
- Compatible to GIS desktop software
- Increased security and performance compared to commercial-off-the-shelf software
- Entirely web-based and scalable
- ISO & OGC compliant and interoperable

GAF has 20 years of experience in the institutional setup and implementation of Mining Cadasters - qualifying us to provide best value consultancy services and state-of-the-art software.

Pre-cadaster consultancy
- Review and analysis of the legal framework (Mining Act and Regulations)
- Assessment and optimization of workflows and business processes
- Specification of users, user groups, rules, and access rights
- Definition and design of cadastral documents and forms
- Support the data capturing through dedicated tools and procedures

System implementation and customization
- Implementation/update of the paper-based cadaster
- Support and supervision of IT procurement (if required)
- Installation and setup of the digital system
- Import of existing and relevant data with technical validation
- System debugging and testing
- Multilingual user interfaces and manuals
- User and administrator training
- Ensuring system compatibility and interoperability

Post-installation service
- System maintenance, including email and telephone support
- Provision of software updates and patches
- Extended user training
- Access to source code

Get in contact with our team

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