



The electronic Mining Cadaster framework

- Fact Sheet -



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.

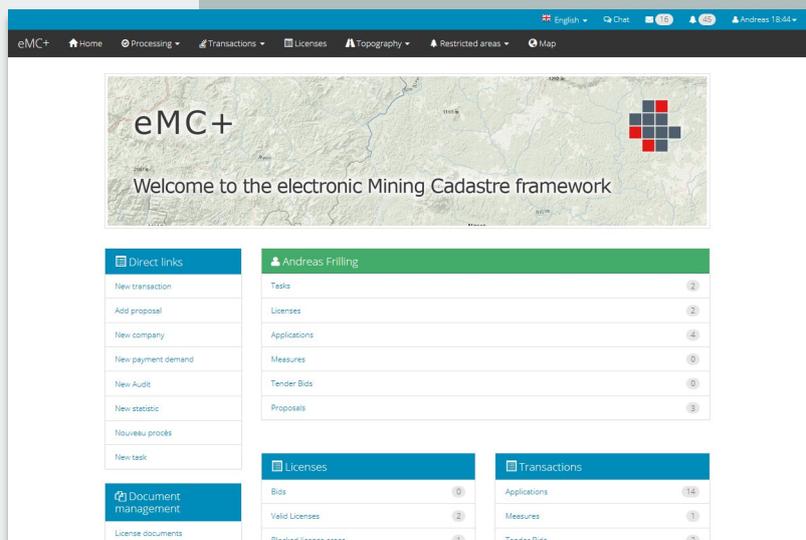
Tailored services

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 your organization.

Extensible software platform

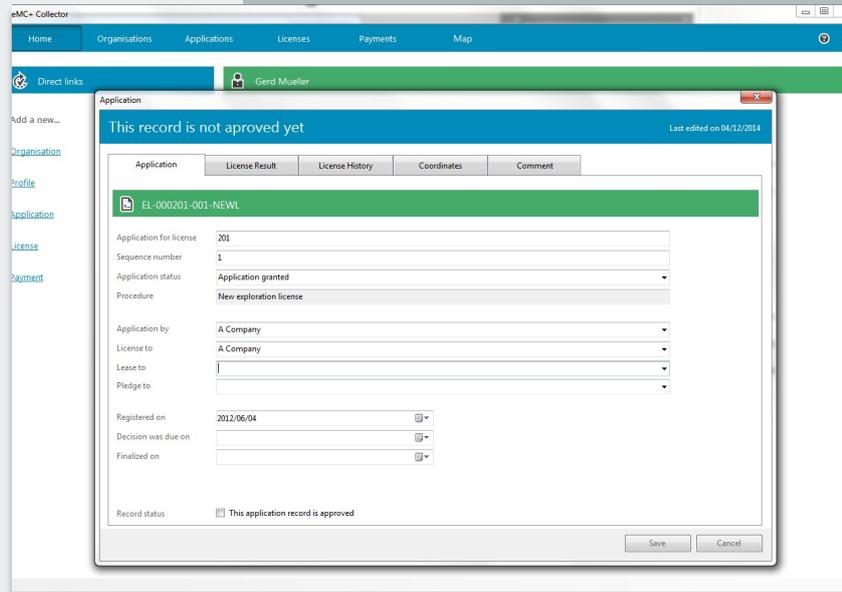
The eMC+ platform includes a scalable, open, and GIS- and web-based mineral tenure management platform with configurable workflows and business rules. Through its modular design, it allows you to establish a tailored solution by only selecting the components that are actually needed. eMC+ provides an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

GAF has more than 15 years of experience in the institutional setup and implementation of Mining Cadasters - qualifying us to provide you with 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 and user groups
- Definition and design of cadastral documents and forms
- Support the data capturing through dedicated tools



System implementation and customization

- Implementation/update of the analogue paper cadaster
- Installation and setup of the digital system
- Import of existing and relevant data with technical validation
- System debugging and testing
- English, French, and German user interfaces and manuals; further languages on demand
- User and administrator training

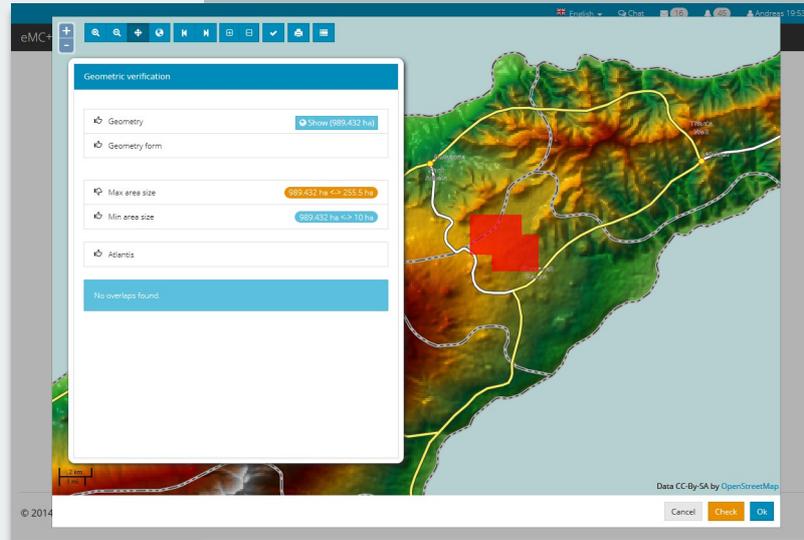
Post-installation service

- One year system maintenance, including email and telephone support
- Provision of software updates and patches



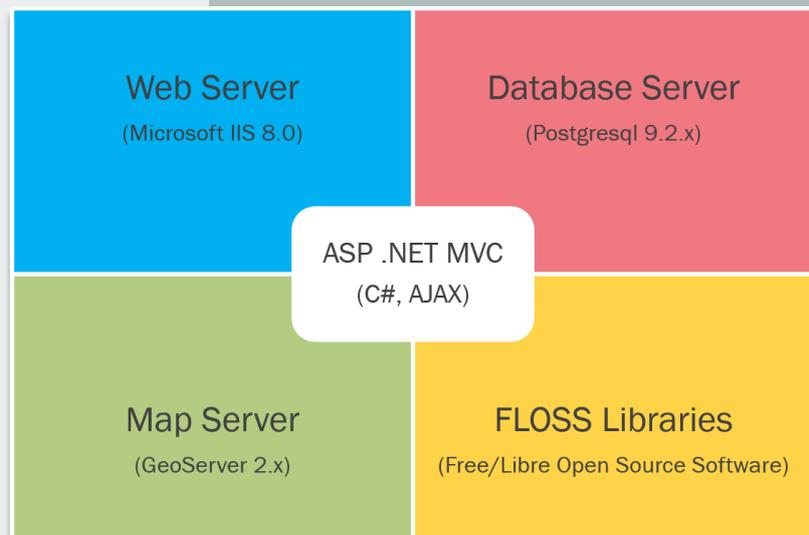
Key advantages

- Full-service provision for mining governance from single source
- Coherency between paper cadaster and computerized system
- Enforcement of legal constraints
- Unlimited number of users
- Supports de-central offices
- Automated notification by e-mail and SMS
- Multi-lingual system
- Entirely web-based and scalable
- Responsive design (PC, netbooks, mobile devices)



Technical assets

- Based on open source software technology
- No additional costs for 3rd party software licenses
- No vendor lock-in through source code; availability on request
- Compatible to GIS desktop software
- Increased security and performance compared to commercial-off-the-shelf software:
 - Shorter patch cycles for base technology components
 - No plugins required
 - Native 64-bit architecture
 - Secure communication through 'https'



Options

- Development of a cadaster web portal
- Prolonged system maintenance