General Data Protection Regulation (GDPR) and Rocket® Mainstar® FastAudit

The General Data Protection Regulation (GDPR) that went into effect on May 25, 2018 is designed to "harmonize" data privacy laws across Europe and give individuals greater protection and rights. GDPR provides for sweeping changes for the public as well as organizations that handle Personally Identifiable Information (PII). The regulation gives individuals new powers over their data, with enhanced rights to access, rectify, and erase it, as well as the ability to freely request the transfer of their information to other platforms. Along with the data subjects' increased rights to control their information, the regulation also mandates technical security controls to protect individuals' data confidentiality, availability, and integrity: "Data protection by design and by default."

Rocket® Mainstar® FastAudit gives you an automated tool to ensure the integrity and availability of your critical data. It can analyze ICF Catalogs, HSM control data sets, and other key metadata; detect potential problems before they occur; and automatically generate fixes.

Relevant FastAudit security controls and specifications, along with the GDPR articles they satisfy, are described below. However, GDPR compliance cannot be attained solely through technical means. Compliance will ultimately depend on an effective implementation of these capabilities, as well as other organizational and procedural controls to address all articles of GDPR.

Article 5: Principles Relating to Personal Data Processing

GDPR REQUIREMENTS	FASTAUDIT CAPABILITIES
1.f Personal data shall be processed in a manner that ensures appropriate security of the personal data, including protection against unauthorised or unlawful processing and against accidental loss, destruction or damage, using appropriate technical or organisational measures ('integrity and confidentiality').	FastAudit analyzes your ICF catalogs, HSM control data sets, and other key metadata to ensure there are no discrepancies that could impair your ability to restore primary or backed-up data or migrate to disaster recovery environments. This is critical to preventing accidental data loss or destruction.

Article 25: Data protection by design and by default

GDPR REQUIREMENTS	FASTAUDIT CAPABILITIES
1 Taking into account the state of the art, the cost of implementation and the nature, scope, context and purposes of processing as well as the risks of varying likelihood and severity for rights and freedoms of natural persons posed by the processing, the controller shall, both at the time of the determination of the means for processing and at the time of the processing itself, implement appropriate technical and organisational measures, such as pseudonymisation, which are designed to implement data-protection principles, such as data minimisation, in an effective manner and to integrate the necessary safeguards into the processing in order to meet the requirements of this Regulation and protect the rights of data subjects.	FastAudit has visibility only to metadata, and does not have any access to the associated PII within the datasets. There is no risk to confidentiality through FastAudit.

Article 32: Security of processing

GDPR REQUIREMENTS	OPENTECH CAPABILITIES
1.b Taking into account the state of the art, the costs of implementation and the nature, scope, context and purposes of processing as well as the risk of varying likelihood and severity for the rights and freedoms of natural persons, the controller and the processor shall implement appropriate technical and organisational measures to ensure a level of security appropriate to the risk, including the ability to ensure the ongoing confidentiality, integrity, availability and resilience of processing systems and services.	FastAudit can repair errors in your metadata structure automatically to minimize any potential disruptions to the operating effectiveness of your availability controls. The system performs diagnostics of your metadata that could indicate threats to the integrity of your processing operations and your data environment, and supports automated fix processes for the identified exceptions. You can schedule FastAudit to perform regular audits of parts of your environment based on risk and criticality of the associated data, especially for those areas identified by your Data Protection Impact Assessment as high-risk.

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