kerberos

KET-DEV-200

Customised logic development

• Flexibility and customization: Development of tailor-made functionalities to meet specific operational needs.
• Integration with existing systems: Possibility to make data accessible and interoperable with third-party platforms via APIs.
• Efficiency improvement:?Implementation of logics for optimizing energy consumption and intelligent plant management.
• Specialized technical support: Assistance in all phases of

The Customised Logic Development service offered by Kerberos Energy allows the functionality of civil and industrial monitoring systems and Building Management Systems (BMS) to be extended and adapted to the customer's specific operational needs. Starting from detailed project requirements, defined through the technical survey and design phase, our team of expert developers creates customised programming logics to optimise the management, control and analysis of data **Service Phases**:

1. **In-depth Requirements Analysis**: Our team thoroughly analyzes the project documentation and specific customer requirements to fully understand the automation, control, and data integration needs.

1. **Programming Logic Development**: Based on the analysis, custom programming logics are developed, implementable on various platforms depending on the architectural and functional requirements of the system. The logics can reside on:

- Communication gateways.
- Dedicated Programmable Logic Controllers (PLCs).
- Proprietary TransiXion 5.0 software platform.
- Dedicated mobile applications (Apps).
- Application Programming Interfaces (APIs) for data access by the customer's external systems.

1. **Testing and Validation**: The developed logics undergo rigorous testing in a development environment and are subsequently validated on the real system to ensure correct functionality and adherence to the specified requirements.

1. **Technical Documentation**: Detailed technical documentation of the developed logics is provided, including functional diagrams, programming specifications, and user guides.

1. **Integration and Deployment**: Our team handles the integration and deployment of custom logics within the architecture of the existing or newly built system.

Added Value and Benefits:

- **Flexibility and customisation**: Development of tailor-made functionalities to meet specific operational needs.
- **Process optimisation**: Automation of repetitive tasks and implementation of advanced control logic.
- **Integration with existing systems**: Ability to make data accessible and interoperable with third-party platforms via APIs.
- **Improved efficiency**: Implementation of logics for optimising energy consumption and intelligent plant management.
- **Scalability and adaptability**: Logics developed to evolve with future customer needs.
- **Specialised technical support**: Support in all phases of development, testing and implementation.