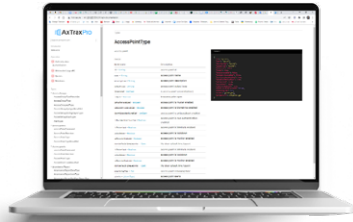# ROSSLARE

Development Tools

Integrate your business seamlessly with our flexible solutions

Satisfy your clients' needs by integrating with other infrastructure and technologies while enhancing data integrity and reducing costs and time. This paper gives an overview of Rosslare's well-documented and simple-to-use development tools that are available for free to third-party developers who want to integrate with Rosslare's Mobile Credentials SDK or the management applications AxTraxNG™ and AxTraxPro™.

Join hundreds of like-minded developers that have leveraged this ability successfully today!
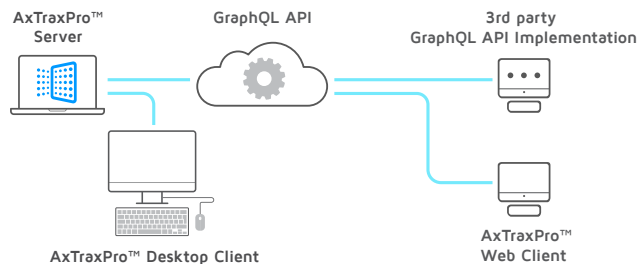
AxTraxPro™ GraphQL API

AxTraxPro™ GraphQL API is a comprehensive web application programming interface that provides the necessary tools for developers to integrate the AxTraxPro™ into existing third-party software, or to develop new security solutions.

AxTraxPro™ GraphQL API provides everything that is needed to develop a perfect solution based on your customers' needs.
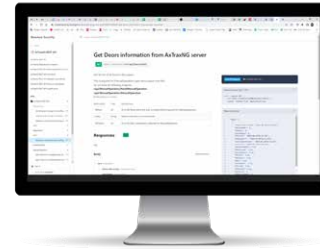
Key Features and Advantages

> Provides all necessary endpoints to control users, credentials, access groups, events and more utilizing the AxTraxPro™ server

> A set of GraphQL APIs using JSON formatted data for requests and responses

> HTTP request-response protocol between third-party client and AxTraxPro™ API

> Secured connectivity between a third-party client and AxTraxPro™ server

> Makes complicated operations easy to handle

> Easy to use well-documented API including sample codes

> Our API comes with documentation accessible via a dedicated website where you can also download a Postman file integration

> Constantly updated with continuous support and development

Architecture Diagram

AxTraxPro™ Server

GraphQL API

3rd party GraphQL API Implementation

AxTraxPro™ Desktop Client
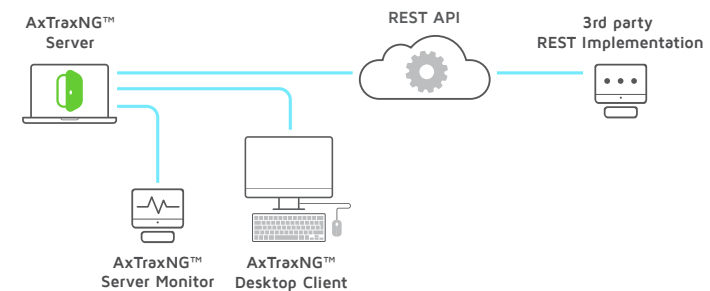
AxTraxPro™ Web Client

AxTraxNG™ REST API

AxTraxNG™ REST API is an application programming interface that complies with REST architectural style and constraints, providing developers the necessary tools to integrate the AxTraxNG™ into existing third-party software, or develop new security solutions.

AxTraxNG™ REST API provides everything you need to develop a perfect solution based on your customers' requirements.

Key Features and Advantages

> Provides all necessary endpoints to control users, credentials, access groups, events and more utilizing the AxTraxNG™ server

> A set of REST APIs using JSON formatted data for requests and responses

> HTTP request-response protocol between third-party client and AxTraxNG™ REST API

> Makes complicated operations seamless and easy to handle

> Easy to use well-documented API including sample codes

> Constantly updated with continuous support and development

Architecture Diagram

AxTraxNG™ Server

REST API

3rd party REST Implementation

AxTraxNG™ Server Monitor

AxTraxNG™ Desktop Client

Mobile Credentials SDK

Rosslare's Mobile Credentials SDK offers a quick and cost-efficient way to embed digital mobile keys technology into your existing and future iOS and Android apps, allowing app users to operate seamlessly with Rosslare mobile-enabled access control readers.
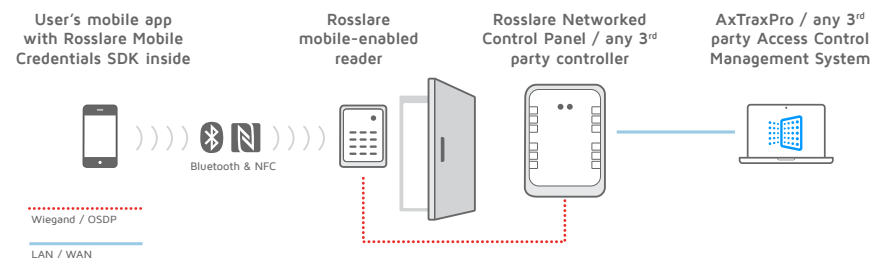
Designed for easy integration with your mobile app by adding a few lines of code, the SDK runs in the background and manages the phone's BLE (Bluetooth Low Energy) and NFC radio for signaling and communicating with Rosslare readers. App users can immediately connect with Rosslare readers to easily access doors, without needing a physical key.

Key Features and Advantages

> Touchless mobile keys without the need to handle plastic cards

> Simple to integrate with API enabling the upgrade of new and existing apps

> Cost-effective implementation using iOS and Android development tools

> Fully operational with Rosslare mobile-enabled readers

> Create convenient, intuitive door operations required by your app users

> Works with BLE and NFC communication channels with no prior knowledge needed

> Works offline without Internet when communicating with Rosslare readers

> Field proven technology that is already in use worldwide

Architecture Diagram

User's mobile app with Rosslare Mobile Credentials SDK inside

Rosslare mobile-enabled reader

Rosslare Networked Control Panel / any 3rd party controller

AxTraxPro / any 3rd party Access Control Management System

Bluetooth & NFC

Wiegand / OSDP

LAN / WAN

Professional Services Group

Your custom-made solutions' team of experts

You have the flexibility to choose whether to use and integrate with Rosslare development tools by yourself or in case you need a custom-made solution, that's where Rosslare's PSG - Professional Services Group comes into help, with its experts that will assess your needs and develop it for you.

Rosslare is a trusted corporation with over four decades of service and knowledge, and we believe in becoming your long-term partner and enhancing your success with our dedicated services.

For more information, please get in touch with our experts at: devtools@rosslaresecurity.com

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