

# PRODUCT GUIDE

## ILLUMINATOR

### Overview



**GD**  
PROGRESSIVE  
SOFTWARE  
SOLUTIONS



# PRODUCT GUIDE

## ILLUMINATOR

*Free the value in your data*

### Current Plugin Modules include:

Engineering Database  
Service Management  
Asset & Capacity  
Configuration Management  
Project/Programme Governance  
Data Visualisation Library  
Knowledge Repository  
Geo-Data Interface  
Network Infrastructure Management  
Custom functionality  
Financial Data  
Service Management  
  
Interface to Graphical Data's RESOLVE software

## ILLUMINATOR OVERVIEW

Providing data management and analytics via a configurable and customisable software toolkit.

Targeted at and for the benefit of Middle to Enterprise business operations.

The power of Graphical Data represented in highly visual, easy to interpret formats in more accessible, user friendly formats raises the data from technically useful to Actionable and Valuable. Our goal is always to drive savings, productivity and revenue generation.

## Gaining control

Information is your greatest asset. ILLUMINATOR gives access to the key data that is vital to your business performance, presented in a way that is easy to visualise and interpret.

Users access data through a client customisable control layer, known as a workspace, which sits on top of the core ILLUMINATOR framework. This allows the software to be tailored to exact client's needs. The workspace provides users access to any data, whether mastered within ILLUMINATOR'S extensible database, or resident externally in other systems.

ILLUMINATOR allows users to view and manage data from legacy or difficult to maintain datasets, in a single



environment. It can consume data in many formats reducing the need for multiple, disparate 'data islands' often constructed in spreadsheets, Access or bespoke SQL database solutions.

## Work Together

In addition to the user defined Workspaces, the ILLUMINATOR core framework facilitates pre-built or custom functional module plugin capability. Existing modules can be adapted, or new and specially tailored modules can be created with Graphical Data's support, to ensure you get the solution you need. These functional modules are designed to enhance the power of ILLUMINATOR, improving how users view and work with their data, on a daily basis.

All parts of the business can contribute; suppliers, contractors and customers can also engage if required. Each user has their part to play and every team member's input contributes to overall success. ILLUMINATOR's communication features allow quick, consistent input and feedback to and from all.

## Complete Integration

ILLUMINATOR allows multiple processes to come together in a single integrated workflow tool. These can include processes managed in other systems and if unified with Graphical Data's RESOLVE software - exceptional end to end project performance improvements can be realised. ILLUMINATOR and its comprehensive toolkit are designed to manage large volumes of complex data. This can include systems procured from scratch, the re-structuring of existing databases, or the unification of data mastered elsewhere in multiple discrete



repositories to provide a 'single view of the truth', ILLUMINATOR can deliver it all. ILLUMINATOR facilitates exceptional levels of software configuration to meet unique/specific data management requirements but can also realise these very rapidly.

Asset management databases and configuration management databases are numerous. However, ILLUMINATOR's power is that in addition to these standard functions, it can be configured to be capable of much more. This includes integration of very unique data sets not normally managed in broad enterprise level applications.

## How the software works

Graphical Data's team will guide you step by step through the process ensuring your needs and requirements are realised.

We help:

- Define your subject matter
- Define your data entities and metadata
- Create a data structure
- Upload and ingress to your 'workspace'
- Plug in your functional modules from our existing library (or custom develop one best suited to your needs)
- Establish appropriate interfaces to work with and analyse your data
- Setup reports and dashboards to present the data in the most effective way

At its core, ILLUMINATOR is a database with a content management system and web based front end. If the client

only requires a centralised database for users to manage a dataset, ILLUMINATOR easily covers this requirement. With the inclusion of enhanced functionality modules in the Workspace, ILLUMINATOR becomes a much more powerful tool, vastly expanding the potential capability of the unified systems.

ILLUMINATOR's power is to be able to solve data management issues where no single solution is in place (for example multiple users or user groups managing data in different formats with different practices, but which all relate to the same thing).

## **The Out of the box functionality**

The Out of the box functionality will allow the client's operational team to manage complex datasets in a resilient and collaborative web-based environment, accessible from any location with internet access.

Once operational, core system architecture may be expanded with the inclusion of additional functionality modules.

These include:

- The Geo location interface – to see where things are.
- Asset inventory (data entities exist in the system, but additional layers or governance and workflow can be activated to help ensure assets are properly maintained)
- The Value module - to track the worth of current stock or enable depreciation calculations.
- Capacity reports release the data held on the current equipment, it's deployment and potential availability.
- Client/supplier management – tracking clients and their related equipment assets in the database, including service and associated contractual data.



- Client interaction – Via the Web interface and the system security, ILLUMINATOR allows 3<sup>rd</sup> party clients to access the system and raise issues or log problems with their service.
- Network mapping modules – linking equipment together across the network to create network architecture views, which can include IP schema and VLAN trunk data.

Graphical Data's Standard support service will ensure you are always up and running.

## Functionality & Features

Common to core and every module as included in the chassis.

- \*Content management system, database solution\*
- Intuitive, modern interface
- Supports multiple data types / interchange formats
- Fully customisable data structure, including defining data entities, relationships and attributes
- Standard and custom functionality plugins (modules)
- Configurable user access group controls, including group inheritance for basic user up to super user access
- Notification settings – automated e-mail to individuals or groups
- 3<sup>rd</sup> party accessibility (and access control in line with security policy)
- Graphical reporting dashboards
- Data visualisation interfaces
- API Gateway access
- Extensive data querying and reporting options

- Audit logs on all database changes
- Customisable import and export options in various formats
- Interactive help guides
- Visual site maps

## How it Works (Deploying an ILLUMINATOR solution)

Define the problems and design the solution.

Working with the client to understand the nature of the problem and their business, Graphical Data create an ILLUMINATOR specification document based on the requirements. This can be a short-term plan addressing the immediate need but will also aim cover long term goals and how the ILLUMINATOR system will provide additional support going forward.

## SYSTEM CUSTOMISATION

Graphical Data's ILLUMINATOR team works to configure a 'workspace' in line with the specification and also undertakes a continuing engagement with our clients, helping to develop and improve system functionality and usefulness throughout the license period.

## TESTING & QUALITY ASSURANCE

Graphical Data's ILLUMINATOR team also ensure that at each stage, in consultation with the client, that testing, and quality standards are maintained throughout.



## The License

Your ILLUMINATOR license covers for the main software installation, a back-up instance of the same software/date sets and if required a temporary sandbox installation for test and trial activities.

### DEPLOYMENT & ONBOARDING

In a typical deployment the following steps are required:

- Specification with customer 8 days
- Configuration (set, check, change, set) 4 days
- Inter-module configuration 1 to 2\* day per modules
- Data migration – 1+ day up to 10K record (with data owner available)
- 
- Training. 2~3 day sessions for User and Super users (based on train the trainer).
- Optional system manager training.

\* the exact number of days depends on the number of modules the client requires.

## HELP & SUPPORT

There are variable levels of support available depending on the client's operational demands.

Standard support: 8.30 to 17:00, m to f, business working days only.

Enhanced support: A bespoke support agreement can be arranged to match the client requirement.

All issues are assigned a severity level and response times will be in line with the defined service level agreement.



## EVALUATION & EXPANSION

Graphical Data pride themselves on not just being a business service supplier, but a valued business partner, working together to help develop actionable data, presented in a clear and visual way to ease decision making, management review and to drive growth, productivity and reduce costs.

The ILLUMINATOR system has a number of 'get you started' modules which can be used 'out of the box' or adapted appropriately. Graphical Data's team will help develop unique functionality modules to deliver exactly what's required from the source data sets available.

### What's in the box.

Frame Work elements included:

- Inclusion of first 10,000 database records in one database instance (no limit on total size)
- Workspace – 1 included in the basic licence fee, many more can be set up.
- Data Entities – the first 8 are included, there is no limit on the total number available.
- Functional Modules – the first 100 are included
- Interfaces – no limit here, if it's an interface in the library no fee, but custom interfaces will be accounted for in the set-up fee
- Instance (install) – One main instance one back-up instance containing the same data as the main instance.
- (New Instances can be linked to each other. Pricing and support by agreement.
- USERS no limit



- HOSTING – current set-up on premises- Please see the support info doc for details
- Data storage – Max size under client control, please see the support info doc for details
- 24/7 availability (subject to planned maintenance and planned software upgrades down time)
- Support standard option
- Security Updates and bug fixes for the licensed core and modules. (new modules or specific enhanced functionality subject to agreement.

## **Delivery and set-up**

- Virtual image will be delivered electronically
- Optional for on premises support for us to assist with the install – remote with access or travel to client location

## **Optional extras:**

Alternative hosting Options: AWS / Google / 3rd party

Option to upgrade support: Standard >> Enhanced

Option to outsource system management as a service.

Option to be provided with routine System Health checks –  
(subject to remote system access)

## **Customer requirements:**

For detailed Customer requirements please see the separate ILLUMINATOR Technical info doc



For more information contact us on  
[info@graphicaldata.co.uk](mailto:info@graphicaldata.co.uk)