



## MIMOS Dynamic Visual Explorer (Mi-HELIO Helivex)

With trends moving towards small screen devices, the needs of encapsulating modules of larger systems into mini applications is ever growing. MIMOS Mi-HELIO Helivex is a solution under Mi-HELIO (enterprise application solutions platform) series that provides a framework for developers to rapidly create and publish visually attractive, easy to use and feature-rich mini applications.

### Overview

MIMOS Mi-HELIO Helivex enables a user-facing solution using Rich Internet Application (RIA) for web application and Smart Client for desktop application. Enterprise developers can utilise this easy-to-learn framework to create and publish mini applications. This provides leverage to enterprises to solve the rapid evolution of applications, reports, workflows and operation-related systems which results in appealing and meaningful ways for end users to view and manipulate information from multiple sources on a single interaction point.

### Features

Mi-HELIO Helivex comprises the following features:

#### ■ Complete Widget-Based Application Ecosystem

Mi-HELIO Helivex offers a complete ecosystem for development, deployment and administration of widgets as well as attractive widget interaction facility for end users.

#### ■ Modular Architecture

Its modular architecture provides separation between domain expert and end user environments hence enabling functional developmental approach.

#### ■ Intuitive and Appealing Interaction

Interactions such as drag-and-drop, resizable windows, auto-docking and layout with clear spaces are used for widget gallery, workspace and notifications altogether in a customisable interface.

#### ■ Development Leverage

Well known programming languages such as HTML, CSS and JavaScript (for web version) and WPF and C Sharp (for desktop version) are utilised for widget development.

### Technology Benefits

The main impacts of Mi-HELIO Helivex are:

#### ■ Wide Accessibility

Web version based solutions can be seamlessly accessed via desktop computers, tablets and smart devices.

#### ■ Harnessing Desktop Processing Power

The desktop version provides impressive data visualisation experience and greater performance on data manipulation by utilising processing power of user's machine.

#### ■ Easy Adoption

Use of standard web-based and Microsoft technologies enable easy adoption and further implementation of solutions using this framework.

#### ■ Lower Cost of Maintenance

A systematic method in managing widgets and a modular architecture for widget and framework environments lower the cost in system deployment, scale up and problem debugging.

### Technology Summary

#### Mi-HELIO Helivex

A platform to rapidly create and publish mini applications that provides leverage to enterprises on rapid evolution of applications, reports, workflows and operation-related systems.

**Industries:** Government, Healthcare, Education, Enterprise

#### Features

- Complete widget-based application ecosystem
- Modular architecture
- Intuitive and appealing interaction
- Development leverage

#### Technology Benefits

- Wide accessibility
- Harnessing desktop processing power
- Easy adoption
- Lower cost of maintenance



MIMOS Mi-HELIO Helivex interface

### System Requirements

| Mi-HELIO Helivex                      |                                                                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Desktop Version (formerly MIMOS EKMS) |                                                                                                                                                                                   |
| Hardware Requirements                 | Client: 2GHz processor, 2GB memory, 1.5GB storage<br>Server: 3.2GHz processor, 4GB memory, 5GB storage                                                                            |
| Software Requirements                 | Client: Windows Vista (SP1, 32-bit), Windows 7 (32-bit), Microsoft .NET Framework 4<br>Server: Windows Server 2008 EE (SP2), Microsoft .NET Framework 4, IIS Server 6.0 and above |
| Web Version                           |                                                                                                                                                                                   |
| Hardware Requirements                 | Application/Database Server: Dual-core processor 3.2GHz, 8GB memory, 40GB storage<br>Connectivity: Broadband Internet access                                                      |
| Software Requirements                 | Browser: Google Chrome<br>Application/Database Server: CentOS 6.2 and above, Apache Tomcat 7 with Java™ SE & EE, Node.js, MySQL 5.5                                               |

MIMOS is the leader in ICT innovations, pioneering new market creations for partners through patentable technologies for economic growth. For more information on MIMOS technologies, contact [mimossolutions@mimos.my](mailto:mimossolutions@mimos.my) or go to [www.mimos.my](http://www.mimos.my).



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