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

System Requirements

**Mi-HELIO Helivex**

<table>
<thead>
<tr>
<th>Desktop Version (formerly MIMOS EKMS)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hardware Requirements</strong></td>
</tr>
<tr>
<td>Client: 2GHz processor, 2GB memory, 1.5GB storage</td>
</tr>
<tr>
<td>Server: 3.2GHz processor, 4GB memory, 5GB storage</td>
</tr>
<tr>
<td><strong>Software Requirements</strong></td>
</tr>
<tr>
<td>Client: Windows Vista (SP1, 32-bit), Windows 7 (32-bit), Microsoft .NET Framework 4</td>
</tr>
<tr>
<td>Server: Windows Server 2008 EE (SP2), Microsoft .NET Framework 4, IIS Server 6.0 and above</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Web Version</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hardware Requirements</strong></td>
</tr>
<tr>
<td>Application/Database Server: Dual core processor 3.2GHz, 8GB memory, 40GB storage</td>
</tr>
<tr>
<td>Connectivity: Broadband Internet access</td>
</tr>
<tr>
<td><strong>Software Requirements</strong></td>
</tr>
<tr>
<td>Application/Database Server: CentOS 6.2 and above, Apache Tomcat 7 with Java™ SE &amp; EE, Node.js, MySQL 5.5</td>
</tr>
</tbody>
</table>

© 2014 MIMOS Berhad. All rights reserved. All intellectual properties not limited to patents, trademarks, industrial designs, copyrights, know-how including layout of images and contents contained herein belong to MIMOS Berhad. Any reproduction without prior written consent is prohibited.