

HAN  DALE

SHAPING IMAGINATIONS INTO INNOVATIONS

Computerized Maintenance Management System (CMMS),

The Client

Urusan Teknologi Wawasan Sdn Bhd (UTW) is a joint venture between Malaysia Airports Management and Technical Services Sdn Bhd. The organization solely is responsible for airport maintenance and operations in Malaysia. UTW's core business is providing operation and maintenance services for buildings facilities and our services include energy conservation and testing and commissioning. UTW is one of the largest engineering, infrastructure, construction, energy and utility companies in the region.

The Challenge

Urusan Teknologi Wawasan Sdn Bhd (UTW) required their existing asset maintenance application to be re-designed and upgraded to latest software version with additional features of managing assets and scheduling the maintenance and service. The system required was to be integrated with email features too.

Solution

Computerized Maintenance Management System, a comprehensive way of maintaining assets and managing resources and is compatible with ISO Standards.

CMMS include all systems required to sustain the airport facilities' operations, Equipment management, Work Planning Control, Schedule Maintenance, Budget and Costing, Maintaining Resources, Purchases and Store management systems.

The modules included

- Equipment Register
- Work Planning & Control
- Scheduled Maintenance
- Budget & Costing
- Resource
- Condition Monitoring
- Email
- History Analyzer
- Purchase and Store
- Inventory

Add/Update Cost Centre Budget

Cost Centre Details

Cost Centre: Counter: Main Cost Centre:

Category: Status: Purchase Type:

Description:

Cost Centre Budget

Current Budget:	<input type="text" value="7119"/>	Yearly Budget:	<input type="text" value="90000"/>	Yearly Usage:	<input type="text" value="82880.5"/>
Budget:	<input type="text" value="7119"/>	Last Balance:	<input type="text" value="1"/>	Current Usage:	<input type="text" value="0"/>

Monthly Budget Details

January:	<input type="text" value="42900"/>	May:	<input type="text" value="0"/>	September:	<input type="text" value="0"/>
February:	<input type="text" value="0"/>	June:	<input type="text" value="1761"/>	October:	<input type="text" value="7119"/>
March:	<input type="text" value="0"/>	July:	<input type="text" value="10000"/>	November:	<input type="text" value="0"/>
April:	<input type="text" value="28220"/>	August:	<input type="text" value="0"/>	December:	<input type="text" value="0"/>

Modified By: Last Modified Time:

Equipment

Stock

Code: Maintenance Significant Item (MSI) Child

* MSI Code: Movement Track

* Description:

Equipment Details | **Supplier** | **Documents** | **PPM**

Parent: ...

* Group: ...

* Location: ...

* Cost: ...

Equip Day: Permit Required

Status: ...

Priority: ...

Modified By: Last Modified Time:

Save Record Insert Record Refresh Close

Work Code	Work Description	Work Request...	Required Date	Received Date	Equipment Co...	Contact Person	Start Date	Completed By
S000325488	AC AHU Monthly Inspec...	UTW	3/29/2006 9:45:...	3/29/2006 9:45:...	AHU-TB4-004	S Paramewaran	3/29/2009 9:00:...	3/29/2006 10:30:...
S000369412	Loop-Fire Alarm Device...	Nurulhuda	3/14/2007 8:00:...	3/14/2007 8:00:...	LOOP-TB-MZ	Nurulhuda	3/14/2009 9:20:...	3/14/2007 9:30:...

Work Order

Stock

* Code: Equipment Moved Printed

* Description:

Long Description:

Request | Modification | Labour | Spares | Add Equip. | Tasks | Documents | Work No

<p>Initiated By:</p> <p>Requester: <input type="text" value="Nurulhuda"/></p> <p>Contact: <input type="text" value="Nurulhuda"/></p> <p>Phone: <input type="text"/></p> <p>Required By: <input type="text" value="14/Mar /2007 08:00:00"/></p> <p>Received: <input type="text" value="14/Mar /2007 08:00:00"/></p>	<p>Work Order</p> <p>Start By: <input type="text" value="14/Mar /2009 09:20:00"/></p> <p>Completed By: <input type="text" value="14/Mar /2007 09:30:00"/></p> <p>Estimated Duration: <input type="text" value="00:00:00"/></p> <p>Completion Duration: <input type="text" value="00:10:00"/></p>
<p>* Equipment: <input type="text" value="MTB Mezzanine Fire Alarm Device (LO..."/></p> <p>Group: <input type="text" value="LOOP-TB-MEZZ"/></p> <p>* TOW: <input type="text" value="Planned Preventive Maintenance"/></p> <p>Priority: <input type="text"/></p> <p>Schedule: <input type="text" value="Loop-Fire Alarm Device Quarterly Insp..."/></p> <p>Repair Type: <input type="text"/></p>	<p>Responsibility:</p> <p>Section/Company: <input type="text" value="Task Force For Fire/Gas System ..."/></p> <p>Staff Member: <input type="text" value="Nurulhuda binti Mohd Sharipp ..."/></p> <p>Job Status: <input type="text" value="Completed"/></p> <p>Standard Job: <input type="text" value="Loop-Fire Alarm Device Quarterly Inspec..."/></p> <p>Event: <input type="text"/></p>

Modified By: Last Modified Time:

HTS User: PRAI

14:34:01

Selection > Total Record In List: 6042

Active InActive ReOrder

Add/Update Stock List

Stock

* Code: MIFIRE0283 * Group: MFIRE Rate: 0
 Brand: - Size: 166"x32" Model: -
 * Description: Fire Curtain

Quantity

Opening Bal: 22 Last Balance: 22 Budgeted: 0

Max Usage: 0 Ordering Cost: 0 Max Quantity: 0
 Avg Usage: 0 Max Lead Time: 0 Min Quantity: 0
 Min Usage: 0 EOQ: 0 Carrying Cost: 0
 Dmd Per: 0 Reorder: 0 Formula CS: 0

Misc

Category: Non-Inventory DCA Rate: 0 Item No:
 Location: Charge Rate: 0 MAS Rate: 0
 Part No: FMI: NO Status: ACTIVE

Warehouse Stock List

Warehouse ID	Opening Balance	Last Balance
UTW	2.00	2.00
MA(s)	20.00	20.00

Modified By: Last Modified Time:

User: PRABHU Active Form: S

EQO Save Record Insert Record Refresh Close

26-05-2009 14:49:46