

mainsaver **NEWS**

August 2007



CBS
OUTDOOR

CBS Outdoor selects Mainsaver to manage market leading digital assets in the London Underground

Following a comprehensive assessment process, CBS Outdoor has selected Mainsaver to enable the management of a new generation of digital assets. CBS Outdoor successfully bid for the £multi-billion London Underground advertising contract which extends through until 2014, and the company is leading the way in the introduction of cutting-edge digital media including LCD displays on thoroughfares, DEPs (Digital Escalator Panels) on escalators and Cross Track Projectors for the station platforms.

The investment in this technology requires a change in the way the company manages the equipment to ensure the highest levels of customer service. Paul Baker, CBS Outdoor's Engineering Manager says; "This is a major swing in the way we need to manage ourselves and that means real-time data capture whilst the engineers are working on the platforms at night. Very quickly we need to identify potential problems so that our maintenance strategy is always up to date and the availability of our assets is maximized. Spidex Software is able to offer all of the components we require through Mainsaver and MobileMainsaver, and they will partner us through the delivery of this project'.

Jonathan Starling, Managing Director of Spidex Software Limited, describes the excitement of working with CBS Outdoor on this project: "It is unusual to have the opportunity to work with a business that is building a brand new strategy. There will be a direct correlation between the successful maintenance of the assets and CBS Outdoor's

customer satisfaction. Visibility throughout the business of asset reliability and performance will be critical.”

Andrew Hogg, Chief Engineer for CBS Outdoor confirms this. “We need standardized systems across all of our businesses so that I can have immediate visibility of any exceptions that require action. Response times are critical and in order to manage this successfully we have to move to a real-time environment.

For further information please contact Jonathan Starling on 07766 755613 or at jonathan.starling@spidex.co.uk
CBS Outdoor at www.cbsoutdoor.co.uk or 020 7482 3000



Paper Recycler Weig Karton rates Mainsaver Software CMMS at 94.7% of total plant maintenance coverage



Mainsaver announced initial results of it's newest major installation, Weig-Karton, one of the worlds largest producers of of paper products from recycled material. Initial installtion results show positive trends in:

- Decreased time adding and changing assets into the CMMS database
- Increased vision into project costs
- Shortened time locating replacement parts
- Improved visibility into external service and parts contracts
- Flexibility and time cycle reduction to generate purchase order requests
- Better work management through assignment and termination of work order functionality

The Mainsaver CMMS product supports the entire Weig – Karton campus, which includes 3 paper mills, 1 power generation plant and 1 waste water plant. In support of the CMMS function, Mainsaver software is directly linked with the Weig accounting department's

software system, Diamant Accounting, and supports invoice matching, ranging from raw materials to finished goods.

Mainsaver operates 24 x 7 at the plants, and produces reports by shift, day and other management required information. Common reports include production statistics and trouble log information.

About WEIG group

Located in Mayne Germany, the WEIG group of companies operates one of the largest locations for the production of recycled board in Europe. From cartonboard and plasterboard liner to special-wound cores, WEIG-Karton has been manufacturing products of the highest quality for more than 70 years. The Karton group uses over 600 tons of recycled paper each year to produce 520 tones per year of high quality paper based products.

Huhtamaki announces plans to roll out Mainsaver CMMS to 5 new US based plants.

Huhtamaki America announced an aggressive Quarter 1, 2007 rollout of Mainsaver Software's Computerized Maintenance Management System (CMMS) in 5 US based plants. Plants located in Desoto, KS, Los Angeles, CA, Sacramento, CA, Hammond, IN and Phoenix, AZ will be installed with the latest Mainsaver release, Version 10.0.103.

Integral to the multiple installations is the development of an interface between Mainsaver and the existing BPCS program. This interface will allow materials data to be exchanged between the two programs resulting in the ability of Mainsaver to plan and issue purchase order requests for repair parts and work orders to crafts personnel.

The installations also target increased data and report visibility. This increase will allow Huhtamaki personnel to more efficiently deal with audits. In the Desoto, Kansas plant audits are periodically conducted by, the American Institute of Baking, for sanitation and boiler inspections. The Mainsaver CMMS system will allow inspectors to see hard copies of completed PM's and easily access historical records.

Huhtamaki will maintain a separate Mainsaver database for each of the five plants, these databases will be installed at the Desoto, KS plant and remote plants will connect to their respective database via a Citrix connection.

About Huhtamaki

Huhtamaki is a truly global consumer and specialty packaging company. Focus and expertise is in paper, plastic, films and molded fiber. Huhtamaki offers products from stock, custom designs as well as total packaging systems and solutions.

Through worldwide activities and presence, Huhtamaki is committed to providing innovative solutions and ensuring operational excellence. This reflects Huhtamaki's desire to proactively contribute to its customers' success by helping them sell more. As a truly global player operating in selected categories, Huhtamaki offers its multinational customers unparalleled opportunities to improve both their efficiencies and standards by adopting similar packaging across markets.

Global Technology and Development Centers help bring together people and resources devoted to developing new packaging ideas. The centers also unify Huhtamaki's machine building and tool making activities.

Huhtamaki has evolved from a multi-industry company into a consumer packaging specialist through a series of almost 200 company acquisitions and divestments since 1980. Many of the oldest and finest names in packaging now belong to our family.

Today, Huhtamaki maintains a strategic focus on consumer packaging with 15,000 employees in approximately 70 manufacturing and sales units in more than 30 countries worldwide. Net sales in 2005 amounted to EUR 2.2 billion. Huhtamäki Oyj has been listed on the Helsinki Stock Exchange (HEX) since 1960.

CEB enters into OEM Agreement for Mainsaver with Arqum, Munich

Klaus Schillert, CEB, Managing Director, at the Mainsaver Center for Excellence based in Dresden, Germany today announced the signing of an OEM Agreement with Arqum, Munich, for the development of a standard CMMS model for Environmental Management and Certification for German manufacturing companies.

Arqum, based in Southern Germany, is a leading consultant in environmental certification. The certification process is conducted through a series of workshops. The first workshop series is Oeko-fit and prepares companies for the Environmental certification process. The second work shop series is Oeko-profit and designed to provide a step by step process for obtaining the formal certification. More than 700 companies have participated in these workshops

The Mainsaver CMMS software is now an integral part of these workshops, being used as the standard to assist the companies in getting the Certification and establishing valuable KPI's.

Mainsaver Goes Green

Mainsaver Software installations are now supporting a wide range of green industries throughout the world. Applications ranging from clean power generation to metal recycling use the Mainsaver Computerized Maintenance Management Software program to support their Maintenance and Repair Operations.

Mainsaver recently announced 2 of the green industry MRO application market sectors, energy and recycling.



Energy



Florida Power and Light (FPL), a Mainsaver user for over 10 years, is number one in the world in wind powered energy production and operates the two largest solar power energy generating fields in the world. FPL is a leading clean energy provider with natural gas, wind, solar, hydroelectric and nuclear power plants in operation in 24 states. More than 90 percent of FPL Energy's electricity is generated by clean fuels.

Noble Environmental Power is a leading wind energy developer with projects in several locations in northern and western New York State and in Michigan. Noble is majority-owned by J.P. Morgan Partners and was founded in 2004 by leaders in the independent power industry in response to public policy initiatives designed to foster the increased use of renewable energy sources.



Metal Recycling



Metal Management, Inc. (NYSE: MM) is one of the largest full service metals recyclers in the United States, with approximately 50 recycling facilities in 16 states and uses Mainsaver as their primary MRO product in the Aerospace metals market sector.

Louis Padnos Iron & Metal Company offers a wide range of ferrous and non ferrous scrap products. Steel mills and foundries consume thousands of tons of ferrous scrap products on a daily basis, and continually look to Padnos for their raw material product solutions. Louis Padnos also handles all grades of recyclable paper and has a rapidly growing plastic recycling division.



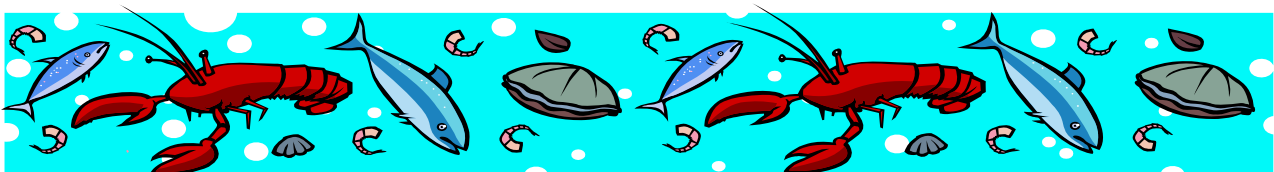
Siemens picks Mainsaver Software to Manage MRO for two new power plants in Argentina

Mainsaver Software announced the award of 2 new license and implementation orders from Siemens Power Generation (PG) for plants being built in Argentina. The Siemens-led consortium will build the power plants in Campana in the province of Buenos Aires and in Timbúes near the city of Rosario in the province Santa Fe.

For both projects, Siemens PG will deliver two high-efficiency SGT5-4000F gas turbines, one SST-5000 steam turbine and its most advanced SPPA-T3000 instrumentation & control system. Furthermore, the Siemens scope of supply includes the heat recovery steam generator and power electronics. Siemens also will handle maintenance for the two power plants for a period of ten years.

Each of the new plants will have a capacity of 830 megawatts. The primary fuel will be natural gas, with liquid fuel as an alternative. Commercial operation is due to start in the first half of 2008 in open cycle mode and full operation in combined cycle mode is scheduled for one year later, in early 2009.

About Power Generation Group (PG) of Siemens AG: Siemens PG is one of the premier companies in the international power generation sector. In fiscal 2006 (which ended September 30), Siemens PG posted sales amounting to more than EUR10 billion and received new orders totaling EUR12.5 billion. Group profit amounted to EUR782 million. On September 30, 2006, PG had a work force of approximately 36,400 worldwide



Unisea uses Mainsaver to manage Maintenance operations in Aleutian Sea

"Maintenance is an important business when parts lead time is 2 weeks and an emergency shutdown can spoil 50,000 lbs of Crab!"

Mainsaver announced the signing of a project agreement with Unisea to provide an interface between Mainsaver, Navision and the current Warehouse Management System (WMS). At Unisea, the maintenance organization will utilize Mainsaver for all maintenance-related activities, including work orders, preventive maintenance, and materials planning. The WMS will be utilized for recording all maintenance material items transactions. Purchasing will be done in Navision.

From a business context the functionality of the new interface is to reduce redundancy and allow a seamless flow of information between Mainsaver, Navision and the WMS. Utilization of the Mainsaver Materials and Purchasing Modules will facilitate exporting of accurate G/L data to Navision. Currently much of the interface is external to Mainsaver core system as it is handled through Imports and Exports through Microsoft SQL Server tables.

The interface is currently scheduled for “go live” in early June 2007.

About Unisea: UniSea, Inc. produces an impressive variety of finished seafood products that are marketed and distributed throughout the world. The company's Alaska operation consists of the state-of-the-art processing facilities, G1 and G2, in Dutch Harbor, Alaska. UniSea also operates a secondary processing facility in Redmond, Washington. UniSea produces seafood products from Pollock, Pollock Roe, Pacific Cod, Black Cod, Snow Crab, King Crab, Halibut, Whitefish Meal, and Fish Oil.

UniSea's quality surimi is produced for many special markets with specific characteristics desired by the customer. The company also produces a number of other co-products including quality fish meal, fish oil and bone. UniSea's fish meal is known for its consistent top quality. The fish oil is used as fuel in the fish meal production process and is also a popular product marketed in Taiwan and Japan.

The company's corporate headquarters, located in Redmond, Washington, provides a variety of support services for our operating units. Our parent company, Nippon Suisan Kaisha, headquartered in Japan, claims UniSea among its largest subsidiaries.



Schools Embrace Mainsaver's Web Work Request Module

Mainsaver announced the implementation of the Mainsaver Web Works Module at colleges through the Southwest. Included in this implementation are, College of the Desert, located in Palm Desert, California; Santa Monica College, located in Santa Monica, California; Cerritos College located Norwalk California; and Occidental College located in Los Angeles, California. Faced with mounting pressure to reduce operating expenses, each school chose to install the web work module which allows employees, students and faculty to request work and check status through any PC with a web browser.

The Web Work Module requires no client software. Authorized users with log-in and password information simply link to a login web page in the Mainsaver program and enter their login information to begin their session

Users can then choose from the following options:

- Submit a new work request
- Submit a new work order
- Check work request status

- Check work order status
- Submit new purchase requests
- Look up existing purchase requests
- Submit new timecards
- Lookup timecard weekly views
- View Open Work Order and Asset History reports

For existing work requests and orders, users can view and print the status of specific entries, or look up a range of entries by asset number, originator and date range.

Authorized employees can also directly update the status of individual work orders from any workstation. If you are working with multiple Mainsaver data sources, you can configure the login page to allow users to select the data source before login. For example, remote users can select the Mainsaver database appropriate for their organization or location.

Making the Ideal choice

Ideal Boilers have joined Spidex with their upgrade to the latest Mainsaver version 10.1. Ideal Boilers have been Mainsaver users for 4 years and have constantly driven to improve the use and uptake of the system on the site.

With the latest upgrade Ideal are looking at introducing a link between Mainsaver's Inventory Module and their SAP system, ensuring that the engineering team have a single point of access to up to date information regarding parts availability and usage. This will form the first stage of the rollout into the factory with the Mainsaver Shopfloor Module enabling access to work orders and empowering the team to take jobs live from the system.



In the workshop - Check and refurbishment of flywheel, brake and clutch unit from a 450-tonne press. For internal insurance inspection, Mainsaver is used to manage the preventative maintenance schedules for all on site equipment, including statutory insurance inspections on presses.

Paul Jasper says 'We have made an investment in Mainsaver and want to continue to drive its usage on the site, we felt the only way we could do this was to move to version 10.1 as it opens up a number of new areas of functionality and resolves a number of outstanding issues, we are looking at how we could use MobileMainsaver for the more remote areas of site as well' Pete Jordan, Professional Services Director, has already kicked off the project and Spidex look forward to forging ahead with Ideal Boilers.



Mainsaver Tech Tip Power Query



When performing a search for a part or any other search field in Mainsaver, the percent sign ‘%’ adds power to your search.

For example, if I want all parts that start with ‘Filter’ in the description;

Parts Master Look-up

Instruction:
Enter any substring or press OK to see entire list

Stock Number:

Part Number:

Description:

Commodity Code:

Warehouse:

Area:

Parts Master Look-up

Find:

Selected Value: FILT0001

Stock Number	Part No	Description	Total Order	Order	OH Rule 1	Point
FILT0036	ZH961-02 ITEM 5	Filter, Hydraulic Tank Z17	0.0000	T		
FILT0037	P550777	Filter, Lube	0.0000	T		
FILT0038	P550671	Filter, Lube	0.0000	T		
FILT0039	B196/LF3333	Filter, Oil	0.0000	T		
FILT0040	LF3338	Filter, Oil	0.0000	T		
FILT0041	P552819	Filter, Oil	0.0000	T		
FILT0042	RF030G10B/UM1	Filter, Oil Return	0.0000	T		
FILT0043	ZH961-02 / SE 030F	Filter, Pressure	0.0000	T		
FILT0044	1051B	Filter, Replacement	0.0000	T		
FILT0045	903402	Filter, System, Slab Parts Clean	0.0000	T		
FILT0046	1402628-01	Filter, Welder Machine	0.0000	T		

The results only show records that begin with ‘Filter’.

If we needed to search for all roller bearings;

Parts Master Look-up

Instruction:
Enter any substring or press OK to see entire list

Stock Number:

Part Number:

Description: %bearing%roller%

Commodity Code:

Warehouse:

Area:

Parts Master Look-up

Find:

Selected Value: BEAR0078

Stock Number	Part No	Description	Total OH	Order Rule 1	Order Point
BEAR0078	INA SL 18 2926/5	Bearing, Barrell Roller	0.0000	T	0.00
BEAR0100	SSF8	Bearing, Roller	0.0000	T	0.00
BEAR0101	SY-108	Bearing, Roller	0.0000	T	0.00
BEAR0102	206505	Bearing, Roller	0.0000	T	0.00
BEAR0103	3003354	Bearing, Roller, Idler Pulley	0.0000	T	0.00

Notice that as long as 'roller' appears anywhere after bearing it will show up in the results.

You can use this same character in a query.

Select: Table wkaw

Column List	Filter By		
Field Name	Operator	Field Name/Value	Logical
<ul style="list-style-type: none"> ▶ Action Code: Approver: Asset Breakdown?: Asset Group Code: Asset Location: Asset Number: Assigned To: Budget: Calibration?: Cause Code: <input type="checkbox"/> Select All Records	<ul style="list-style-type: none"> ▶ Work Requested: like %hydraulic%pump% 		
Sort By	Ascending?		
<ul style="list-style-type: none"> ▶ 	<input checked="" type="checkbox"/>		

Report

Selection Title Display on Report

Upcoming Mainsaver Regional Training Atlanta, Georgia - October 22 - 27, 2007

Day 1 – System Administration

Mainsaver Installation
 System Administration
 Security Setup
 Configure Mainsaver to your target business workflow.
 Periodic Data Maintenance
 Customizing Mainsaver
 -System Switches
 -Label Management
 -User defined queries
 -Default Queries
 -Table View Customization
 -Infomaker Reporting – Overview
 -Powerbuilder Customizations

Days 2 and 3 – Corrective and Preventive Maintenance

Establishing the Maintenance workflows
 Configuring Mainsaver for those workflows
 Establishing Personnel Records
 The asset database
 Work Orders
 Planning and Scheduling
 Time and Materials Module
 Developing a preventive Maintenance Program
 Predictive Maintenance within Mainsaver
 Fault, cause and action codes
 Utilizing the Shop Floor and Dispatch modules

Day 4 – Material Management

Developing a location system
 Spare Parts lists on assets
 Determining high cost usage items
 Order point functionality
 Cycle Counts
 Accounting for Expense vs. Inventory items
 Transactions
 Overview of Interconnect
 Material Reports
 Bar Code transactions
 Non-stock and special order processing

Day 5 – Purchasing

Setting up Suppliers
 Determine purchasing workflows
 Determine approval and audit requirements
 Setting Purchasing Administration switches
 Purchase Requests
 Purchase Orders
 Purchasing Contracts
 Reporting within Mainsaver
 Invoice Matching Overview