



PRESS KIT

CHAMPS



COMPANY PROFILE

BACKGROUND & SOLUTION EMPHASIS

For nearly 40 years, CHAMPS has remained focused on creating and implementing CMMS/EAM software solutions that enable enterprises of varying size, sophistication, and industry to optimize the life cycles of their capital assets. These assets include the work force, equipment, facilities, vehicles, tools and spare parts. Efficient acquisition, maintenance, repairs, replacement or salvaging of these critical assets result in operational excellence, leading to decreased cost and increased profits.

CHAMPS CMMS/EAM helps customers meet asset optimization challenges by enabling them to achieve:

- Higher and consistent revenue generation through better asset availability
- Lower costs for maintenance labor, parts and service contracts
- Better regulatory compliance with reduced incidents and quicker response
- Informed decision making pertaining to asset maintenance, repair and replacement
- Integrated systems and work processes to manage physical and human assets efficiently
- Reduced downtime by scheduling preventative and corrective maintenance.
- Prolonged equipment life by analyzing and acting on information providing maintenance histories, performance, operations and testing throughout the entire lifecycle of each equipment.

CHAMPS CMMS/EAM continuously improves operations by incorporating industry best practices with the flexibility inherent in component based web architected solutions and the .NET Framework. Regardless of organizational size or geographical layout, CHAMPS CMMS/EAM is purposely scalable to manage business processes for asset optimization across the enterprise.

Because of its component based architecture, CHAMPS CMMS/EAM facilitates:

- Easy integration (i.e. ERP, Financial, HR, Safety, Process Control, etc.)
- Quick and easy customization by a company's IT resources or CHAMPS Professional Services Engineers
- Painless upgrades with delta centric delivery

Market Emphasis

The comprehensive suite of plant maintenance software solutions offered by CHAMPS is delivered in markets across a multitude of industry sectors including:

- Electric & Gas Utilities
- Education—Schools & Universities
- Food & Beverage
- Nuclear Power
- Hospitals/Healthcare
- Municipalities
- Manufacturing
- Petrochemicals
- Pulp & Paper
- Transportation
- Water & Waste Water





LEADERSHIP PROFILES

Chandra Patel

Founder and Chairman of the Board

Chandra Patel is Founder of CHAMPS, Inc. and serves as Chairman of the Board. He started the first CHAMPS project with South Carolina Gas and Electric Company's V. C. Summer Nuclear Plant, which remains a customer today. Prior to joining CHAMPS, Chandra worked with Southern California Edison Company as a Construction and Start-up Engineer. He earned his BSME from the University of London, and MBA from Pepperdine University.

Bryan K. Gay

Chief Executive Officer

As CEO, Bryan leverages his 32 years experience in the CMMS/EAM market by providing operational oversight and strategic planning for all CHAMPS divisions. He maintains a focus on day-to-day management and tactical planning in the CMMS Windows and .Net Enterprise products, Legacy Application Modernization, and Offshore Development Divisions. Prior to joining CHAMPS, Bryan held corporate business administration, logistics and warehouse management, and utility sales responsibilities for a large contractor, and retail electric and public utility supply firm. Bryan earned degrees from the University of Central Florida and Stetson University.

Chuck Patel

President

Chuck serves as President of CHAMPS and leads the Business Intelligence (BI) Division with management responsibility for sales and service of the company's BI solution, QlikView. His 25 year career in sales and marketing for enterprise software solutions has included leadership roles for the BI, CMMS, and CRM industries. Before joining CHAMPS seven years ago, Chuck held positions with Sage Software as Regional Sales Manager, and was Practice Manager at One, Inc. He holds a BS in Management Science and Marketing earned from Georgia Institute of Technology (Georgia Tech).

Mike Melfi

Vice President, Sales & Business Development

Mike has been with CHAMPS for nearly 20 years and currently holds responsibility for driving new sales and business development opportunities for the CMMS/EAM product. His previous responsibilities at CHAMPS involved operational management of projects and services. Before joining CHAMPS, Mike spent 10 years in the nuclear industry as an inventory control specialist, health physics and decontamination technician. His education includes a BS in Business Administration, Marketing, from the University of Florida, and an Associate of Arts in Radiation Protection earned from Central Florida Community College. Mike also participates on several boards including the Citrus Levy Marion Regional Workforce Development Board; Citrus County IT Alliance Board; Information Technology Leadership Council; District Technology Advisory Council; Citrus County School District; and the Withlacoochee Technical Institute Advisory Committee.



SOLUTIONS FOCUS

PLANT MAINTENANCE SOFTWARE SOLUTIONS

CHAMPS designs and delivers enterprise software solution tools that reduce maintenance cost, increase return on assets, and increase workforce and equipment uptime. At the core is the CHAMPS CMMS/EAM solution that allows users to configure the system exactly as desired for effectively addressing asset management, workforce management, work order management, preventive maintenance, materials and spares management, purchasing, accounts payable, and safety. Additional CHAMPS plant maintenance software components are available for calibration, project tracking, condition reports, business intelligence, and multi-day scheduling.

Asset Management

This functionally rich module defines and tracks all plant equipment records against which maintenance activities, costs, and history may be documented. It incorporates cradle to grave tracking and analysis of asset information which assists management personnel with streamlining future maintenance efforts.

Assets include anything upon which maintenance history and costs are charged in equipment records such as areas, departments, buildings, grounds, systems, production equipment, vehicles and more. Critical information related to each asset can include location history, downtime and equipment failure statistics, warranty notifications, service agreements, and overall performance analysis.

The Equipment Tree provides an easy to understand user interface for creating equipment hierarchies and changing equipment locations within the system. A treeview window displays parent/child relationships by hierarchy, department, system, or type groups. All equipment maintenance data can also be displayed from the treeview. Equipment location changes performed on the Tree Browse will update the equipment and its new parent. Also, the equipment's movement history and parent's location history will be updated.

Workforce Management

A fully integrated solution for work planning and time reporting, this module is specifically designed to maintain and track all employment-related information for company personnel and contractors. It is used to accurately document how time is being expended in order to analyze the efficiency with which organizations are functioning.

Key information includes training and certification history, time and attendance statistics, detailed accident records, and qualification definitions for multi-trade/skilled personnel.

ACD-07104242 - OPERATOR, TRANSPORT AIR VALVE									
Equipment		Description		Location		Associated Document(s)		Attachments	
ID	ACD-07104242	Active	<input checked="" type="checkbox"/>						
Name	Operator, Transport Air Valve								
Status	Active	LOTO	<input type="checkbox"/>						
General Information									
Class	Mechanical	Criticality	Medium						
Type	Generator	Sub Type	Analysis Indicator	Size	1				
Make	** Please Select **	Model	M52 DLS	Serial Number	782903				
Part ID	3498022	Material Account	23	Labor Account	98				
Asset Information									
Asset ID	7888789	Acquired Date	12/18/2010	Vendor Name	AV Unlimited				
Original Value	2300.00	Date Installed	12/23/2015	Vendor Phone	555-555-5555				
Current Value	2300.00	Life Expectancy	4	PO Number	000078				
Salvage Value		Loss		PO Date	12/10/2010				
Lease ID		Lease Expires		PO Cost	2300.00				
Record Data									
Create User	admin	Create Date	4/15/2011						
Modify User	admin	Modify Date	4/15/2011						

SOLUTIONS FOCUS

Work Order Management

This powerful module features the Workflow which enables users to request, plan, schedule, track, complete, and close work-related activities. The component provides the ability to identify, describe, and classify problems while initiating work requests. The Work Order component provides approval routing, estimated cost reviews, analysis of repair information, resource and work priority schedules, and work order status.

Preventive Maintenance

This component stores and controls a library of tasks used to maintain assets. Preventive maintenance tasks (PMs) are comprised of planned task steps and associated procedure and safety instructions, labor and material requirements, etc., that are to be performed or consumed on demand or on a specified frequency.

Once established, a PM is capable of generating corresponding work orders that will be used to execute the steps, procedures, use of labor and materials, etc. that are specified in the PM task.

Scheduling

This module features a drag and drop method for loading tasks from the backlog and assigning it to crews or individuals that are available to work the task. The module includes a work assignment for badge data window which permits individuals to review their work assignments for the current and following weeks. Windows specific to crews permit scheduling tasks and labor resources to be determined and set. The Backlog Work for Crew data window displays all Steps eligible to be scheduled, based on the Work Order Type workflow, and sorted by WO Priority Value, Required Date, Create Date and WO ID. The module provides the ability for an organization to develop schedules up to 6 weeks in advance with the ability to refine.

PM1232

General Procedure Trigger Task

ID * PM1232

PM Cycle Float - Float

Work Order Type Urgent - Urgent

Active

WO Class PM - PM

Asset Information

Asset Class PERSON - Personnel

Asset ID 5/6-REMOVAL - 5/6 Equip

Asset Make 4BC - 4B Components

Priority (CY) City

Asset Type ACT - Actuator

Asset Subtype AIT

Asset Model 343333

Requestor Chris Slater

General Information

Assign To 1002 - Slater, Chris

Shutdown Code ** Please Select **

Planner 1002 - Slater, Chris

Automatically Generate WO

Description * Lubricate and Examine

Trigger

First Occurrence Date 3/1/2011

Grace Period 21

Except From 3/3/2011

Last Completed Date 3/26/2011

Early Due Date 3/18/2011

Plan Lead Days 55

PTW Req

Except To 3/22/2001

Next Due Date 3/31/2029

Last Due Date 4/1/2011

Record Data

Create User admin

Modify User admin

Create Date 3/3/2011

Modify Date 4/18/2011

SOLUTIONS FOCUS

Inventory Management

Inventory Control is fully integrated with Purchase Orders and Accounts Payable. This module provides control over purchasing, with access to up-to-date inventory balances and comprehensive valuation statistics. The system provides an on-line, real-time picture of inventory quantities at various stages in the inventory cycle. It encompasses the parts catalog, warehouse/bin, issues/returns/transfers, bar code support, and material request functions.

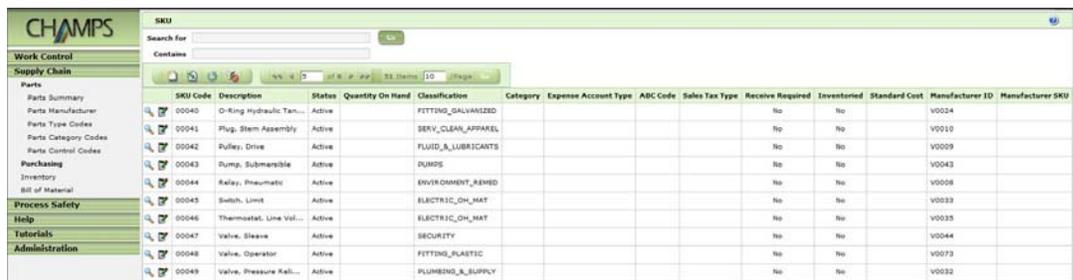
Purchasing

The purchasing module allows three-way matching of the purchase order, parts received, and the vendor's invoice. The system also provides for discrepancy tracking and variance approval. Complete vendor information is defined within the system along with 1099 tracking, vendor to part price cross-reference, direct payment to vendor, vendor quotation, and performance. The system functionality has a comprehensive quote, requisition, and receipt process with flexibility for requisition types and approval routing business flow.

Bill of Material

The Bill of Material functionality permits definition of itemized lists of parts used in support of maintenance activities. Bills of Material may define lists of parts associated to specific equipment ID's, maintenance tasks, or a specific make/model of a product.

The Bill of Material system may be used to assist in material requirement planning of preventive maintenance tasks and work orders, and to help determine inventory requirements.



The screenshot displays the CHAMPS software interface. At the top, there is a search bar labeled 'SKU' and a 'Go' button. Below this is a 'Work Control' section with a 'Costs' button. The main area is a table with columns: SKU Code, Description, Status, Quantity On Hand, Classification, Category, Expense Account Type, ABC Code, Sales Tax Type, Receive Required, Inventoried, Standard Cost, Manufacturer ID, and Manufacturer SKU. The table lists various parts such as O-Ring Hydraulic Tan..., Flgk. Stem Assembly, Pulley, Drive, Pump, Submersible, Relay, Pneumatic, Switch, Limit, Thermostat, Line Val..., Valve, Sleeve, Valve, Operator, and Valve, Pressure Rel... The interface also includes a sidebar with navigation options like Parts, Purchasing, Inventory, and Administration.

SKU Code	Description	Status	Quantity On Hand	Classification	Category	Expense Account Type	ABC Code	Sales Tax Type	Receive Required	Inventoried	Standard Cost	Manufacturer ID	Manufacturer SKU
00040	O-Ring Hydraulic Tan...	Active		FITTING_GALVANIZED					No	No		V0024	
00041	Flgk. Stem Assembly	Active		SEWV_CLEAR_APPAREL					No	No		V0010	
00042	Pulley, Drive	Active		FLUID_A_LUBRICANTS					No	No		V0009	
00043	Pump, Submersible	Active		DUMPS					No	No		V0043	
00044	Relay, Pneumatic	Active		ENVIRONMENT_REMBD					No	No		V0008	
00045	Switch, Limit	Active		ELECTRIC_OH_MAT					No	No		V0033	
00046	Thermostat, Line Val...	Active		ELECTRIC_OH_MAT					No	No		V0035	
00047	Valve, Sleeve	Active		SECURITY					No	No		V0044	
00048	Valve, Operator	Active		FITTING_PLASTIC					No	No		V0073	
00049	Valve, Pressure Rel...	Active		PLUMBING_A_SUPPLY					No	No		V0032	

Accounts Payable

This system provides flexible payment processing and disbursement details allowing the organization to effectively control vendor relationships, while managing cash flow and controlling expenses.

The module supports complete vendor payment history and invoice analysis with user defined aging ranges. It also supports on-line approval of vendors and invoices, and multiple payment options including checks, wire transfers and electronic fund transfer.

SOLUTIONS FOCUS

Safety—Permits

This module creates a document that describes the permit details, steps and procedures. After the desired permit type has been selected, one can specify the various criteria (i.e., Maintenance Location, Physical area or a Contained area, etc.), define special instructions, specific descriptions or monitoring status.

Safety—Lockout/Tagout (LOTO)

As an important safety module within CHAMPS, this Innovative solution meets or exceeds Occupational Safety and Health Administration (OSHA) requirements, adheres to LOTO guidelines suggested by the Electric Power Research Institute (EPRI) and addresses all process options for the Department of Energy (DOE) LOTO requirements.

The CHAMPS Lockout Tagout (LOTO) module provides the ability to define enclosures that list steps to establish and restore plant conditions necessary to safely perform work. The system also provides for the definition, printing and control of warning devices (tags) that can be securely fastened to an energy isolating device in accordance with an established procedure.

The screenshot shows the 'EDIT' interface for a 'Confined Space Permit'. The interface is divided into two tabs: 'Permit Template' and 'Permit Details'. The 'Permit Details' tab is active. The form contains the following fields and controls:

- ID:** Confined Space Permit
- Type:** CONFINED SPACE (dropdown menu)
- Active:**
- Continuous Monitoring:**
- Criteria:** Confined space
- Description:** permit prior to entry of any tank or enclosed space
- Instruction:** permit must include air quality sample prior to entry and continuous monitoring as needed and specified
- Approved:**
- Create User:** mmelfi
- Modify User:** mmelfi
- Create Date:** 2/4/2013
- Modify Date:** mmelfi

At the bottom of the form, there are two buttons: 'Save' and 'Cancel'.

ADD-ON COMPONENTS

COMPLEMENTING ADD-ON COMPONENTS

In addition to the CHAMPS CMMS/EAM solution are several fully functional, modular components designed to seamlessly work with the CHAMPS system or operate independently. These components include calibration, project tracking, condition reports, business intelligence, and multi-day scheduling.

Calibration

This module provides the ability to track calibrated instruments, tools and measurement standards. It allows users to forecast and perform calendar-driven or on demand calibration tasks using qualified technicians. The system also tracks the usage of calibrated instruments and tools via Work Order Steps.

Project Tracking

The project tracking system tracks the transaction details and financial aspects of a wide variety of projects including capital projects, engineering projects, cost-sensitive projects, and project-oriented work. It allows the user to easily capture, analyze, and report the financial impact of projects. The module helps users to easily associate and display all project related documents including work orders, material requests, purchase requests, purchase orders, and more.

Condition Reports

Integrated with the CHAMPS workflow engine, this module provides the ability to report, classify, trend, distribute and review issues for resolutions. Condition Reports are used to initiate the process of reviewing and correcting such problems. The condition report documents consist of multiple sub-documents including reportability, operability and evaluation, which are utilized, based on the nature of the problem being reported.

The screenshot shows the 'EDIT VC1-12-00828' form in the CHAMPS system. The form is titled 'CR Work Flow' and is currently in 'In Screening' status. The ID is 'VC1-12-00828' and it is marked as 'Active'. The user 'mmelfi, Mike, Melfi' is identified as the creator and assigned to the report.

The 'CR Initiate' section includes an 'Attachment(s)' tab. The 'Occurred' date is 3/7/2013 9:17 AM and the 'Discovered' date is also 3/7/2013 9:17 AM. The description is 'Conveyor not working to code'. The immediate action is 'Send out a craft person to inspect for possible repair or replacement'. The location comment is 'This conveyor is located in auxiliary building 2, mezzanine level 3, northwest corner'. The safety class is 'Safety Class'.

The 'Asset(s)' section shows a table with one asset:

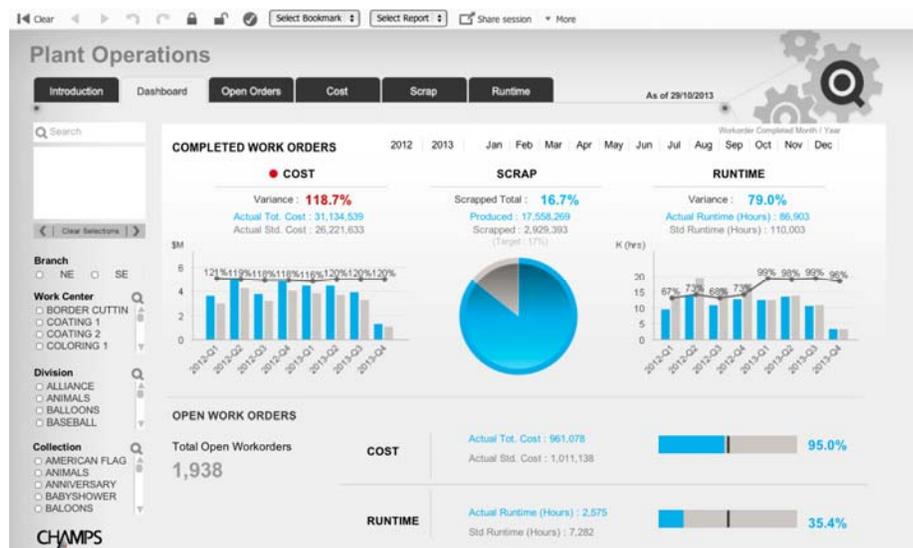
Primary	ID	Name	System
<input checked="" type="checkbox"/>	CONV-001	Conveyor	AC

The 'Record Data' section shows the user 'mmelfi' created and modified the record on 3/7/2013. The form has 'Save' and 'Cancel' buttons at the bottom.

ADD-ON COMPONENTS

Business Intelligence

A comprehensive module that works equally well with CHAMPS or other systems is the Business Intelligence (BI) function which allows users to transform disparate data into visual information on active dashboards. All critical data across operations, maintenance, finance and other departments can be integrated to get real time information to create “what-if” scenarios. The dashboard offers instant snapshots of key performance indicators (KPIs), such as maintenance costs, planned maintenance, overtime, rework, inventory turnovers and safety. With the active dashboard, users can analyze and act on crucial data, leading to efficient operations and maintenance.



Multi-Day Scheduling

This module uses the Crew Calendar and Personnel Badge Calendar to determine working and non-working days. Functionality permits a Work Order Step to be scheduled on multiple dates and schedule creation for up to six weeks in the future. The system provides a schedule report showing a Crew's schedule over a month while indicating non-working days. Additional functionality allows scheduled trade hours to be displayed in relation to available and remaining hours.

SERVICES and SUPPORT

SERVICES and SUPPORT

To ensure project success, CHAMPS delivers a comprehensive suite of service and support solutions structured to address system implementation, user training, customizations, and on-going support needs.

Implementation

This process begins with a discussion of the overall implementation project objectives and the project timeframes. Implementation Planning establishes the project goals, schedules and identifies resources to be deployed by both CHAMPS and their customers.

Application Overview

This process exposes the team to the administration requirements and how to apply them, then to the detailed overview of all of CHAMPS components and processes. These steps give the team a detailed understanding of the application functionality and work flow. The customer team can then begin to configure the application and start to assess the process flow and analyze opportunities to apply new best practices.

Data Conversion

Most customers require their existing data to be converted from another source into the CHAMPS database. CHAMPS develops programs to automate this process. Complete testing of the data is then performed to assure that it has been converted accurately.

Training

Flexible training options allow the customer to have CHAMPS perform all user training or utilize a train the trainer method. Either process allows CHAMPS to transfer the knowledge needed for a customer to become self-sufficient in their use of the system. We work with customers to define the curriculum and execute it thoroughly. Training includes administrative and functional application training.

Application Validation Testing

CHAMPS works with clients to determine the appropriate testing method for validating the application functionality, modifications, integration and data conversion. Test plans and acceptance procedures are developed and implemented to get the application signed off.



Acceptance & Go Live Support

Once validated the system is in a position to go live. The application is put into production and the appropriate team members are onsite from both the customer and CHAMPS until a complete transition to the customer takes place.

SERVICES and SUPPORT

Support

Through service agreements, on-going application maintenance and support is available to help customers maximize their software investment. On-going support includes responding to customer questions and product enhancements specific to customer needs. CHAMPS also provides services for implementing major releases of the product.



Customizations

Application Modification & Integration

CHAMPS provides comprehensive services to modify and integrate applications to meet customer requirements. This is accomplished by first conducting a gap analysis of what CHAMPS delivers within the application and your specific needs. The gap(s) are identified and enhancements or process changes are proposed.

The integration requirements are also discussed and defined. Once the details are agreed upon, design specifications are developed for approval by the team. Modifications and/or integration work will begin once the specifications have been approved and the work is authorized.





SUCCESSES

Our customers depend on CHAMPS for effective maintenance and asset management. As a result, they experience increased efficiency, improved equipment reliability and enhanced personnel productivity.



APPLETON

Since its founding in 1907, Appleton Papers has earned a reputation as an innovative producer of high value-added paper products. The company is the world's leading producer of carbonless and thermal papers and a premier producer of a broad range of coated papers used in a variety of commercial printing and specialty applications. Appleton Papers uses CHAMPS CMMS/EAM at their plants in Roaring Springs, PA; West Carrollton, OH; and Appleton, WI.



HERSHEYPARK

More than one hundred years after Milton Hershey founded Hersheypark, the entertainment facility has grown to feature over 60 rides and attractions including 10 roller coasters. Overall, there are 180 buildings and structures maintained by a team of over 140 technicians. CHAMPS is used to maintain the park's critical operating assets to ensure optimal uptime while helping minimize outages and costs. Functionality includes equipment and asset management, preventive maintenance, work order management, and materials management.



SCANA[®]
POWER FOR LIVING

The Virgil C. Summer nuclear power station is two-thirds owned by SCG&E (a subsidiary of SCANA) and one-third owned by Santee Cooper supplying 19% of the electricity for SCG&E customers. CHAMPS CMMS/EAM has been the maintenance management solution of choice for V.C. Summer nuclear power station throughout the plant's entire history spanning more than three decades and four software operating platforms. Currently, CHAMPS' oldest client has deployed CHAMPS flagship Enterprise Asset Management (EAM) solution as a mission critical application for Condition Reporting, Maintenance, Inventory Control, Procurement and Safety Management.



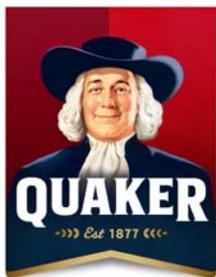
CHAMPS

SUCCESSES



CHAMPS Software has been working with the U.S. Department of Energy for ten years on one of this country's largest environmental cleanup projects. CHAMPS has partnered with Bechtel National, Inc. along with prime subcontractor Washington Group International both of whom have been chosen by the U.S. Department of Energy's Office of River Protection to design, build and commission a radioactive waste treatment plant on a 65-acre site.

CHAMPS involvement at the Hanford Site is varied. Currently the CHAMPS CMMS application is being used to support The Office of River Protection's management of waste retrieval and stabilization of the 177 underground waste tanks. In addition, CHAMPS is being used for the engineering and construction of the waste treatment plant. CHAMPS CMMS also plays a significant role in managing the daily maintenance and operations of the plant's equipment, materials and processes.



For more than 100 years Quaker Oats has been an icon in Cedar Rapids, Iowa. Encompassing over 45 acres and 1.9 million square feet under roof makes the Cedar Rapids Plant the largest Cereal mill in the world. The plant operates with 3 shifts and nearly 1,000 personnel to produce ready-to-eat-oatmeal and grits as well as Aunt Jemima syrup. The mill also makes grains to supply sister Quaker Oats plants. CHAMPS has been used by Quaker Oats for more than 20 years to manage maintenance for production and facility equipment, and materials management activities including the storeroom and purchasing areas. A maintenance team of over 150 personnel use CHAMPS to track all repair work, labor and material data with complete histories down to the component level of all equipment. KPI dashboards provide real-time views of critical performance areas and are used by management for decision making analysis.



CONTACT

CORPORATE HEADQUARTERS

CHAMPS Software, Inc.
1255 N. Vantage Point Dr.
Crystal River, FL 34429
Tel: (352) 795-2362
Fax: (352) 795-9100

For specific requests related to:

Corporate Issues & Operations

Bryan Gay, CEO
bryang@champsinc.com

Media Relations

William Russell, Managing Partner, The Marketing Beacon
wrussell@themarketingbeacon.com