



Presented To

CM Working Group

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Auto-trol Corporation Background

Headquarters:	Denver, Colorado
Founded:	1962
Type of Business:	Private Corporation
Employees:	~200
Offices:	11 world-wide
President & CEO:	Howard B. Hillman
WEB Site:	www.auto-trol.com



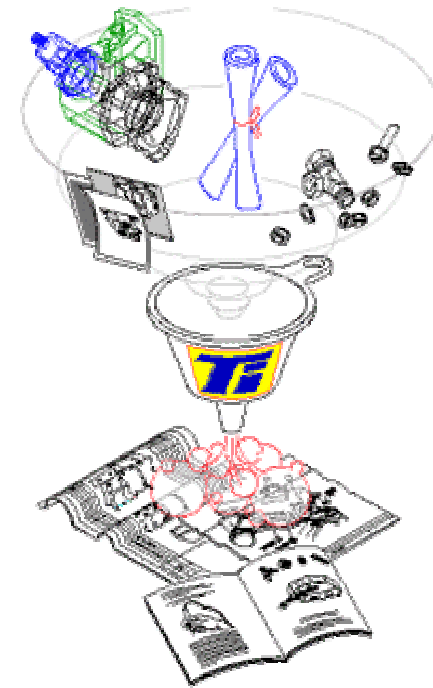
Auto-trol Technology Product Suites

- Tech Illustrator
 - Suite of powerful drawing, editing, and annotation applications
- KONFIG NM
- KONFIG CM

Auto-trol's Electronic Publishing Product Line Designed for Professional Illustrators and Authors



MEMBER **cgm**
CONFERENCE

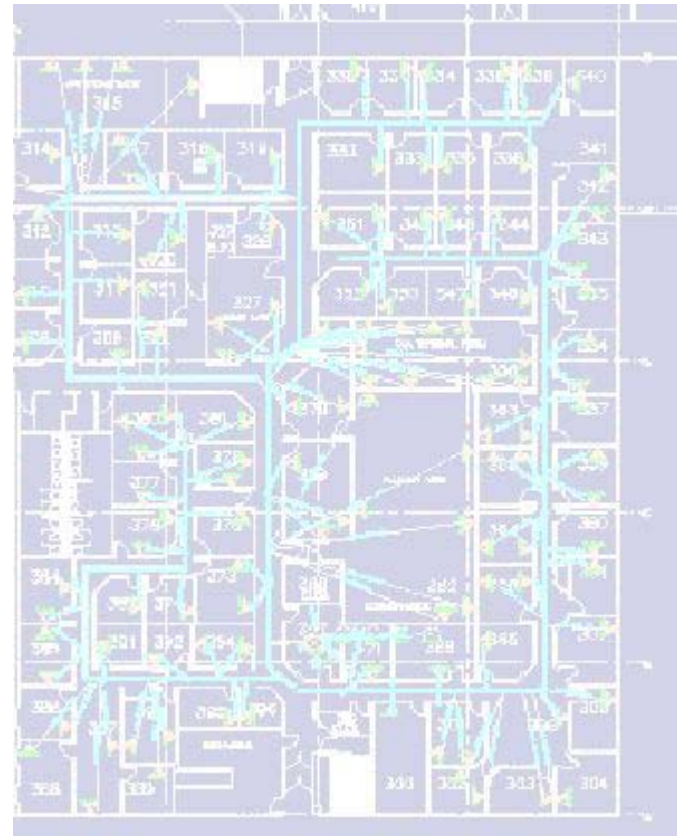


Product Suites (cont'd)

- Tech Illustrator
- KONFIG NM
 - KONFIG Network Manager
- KONFIG CM

*Enterprise-Wide Physical Network
Documentation & Configuration
Management*

KONFIG®
Network Management



Product Suites (cont'd)

- Tech Illustrator
- KONFIG NM

- KONFIG CM

Capabilities for:

- Configuration Management (CM)
- Electronic Document Management (EDM)
- Product Data / Lifecycle Management (PDM/PLM)
- Enterprise Content Management (ECM)
- Workflow (WF)



The highest rated and only four-star CMII-certified product, KONFIG CM is an enterprise capable n-tiered, fully scalable, distributed, J2EE-based architecture utilizing proven open technologies

Who Uses KONFIG CM Today?

Government

- US Army CECOM 
- Lockheed Martin CESOC, RSA, Mission Systems 
- Australian Army 
- Canadian Department of Defense 
- Warner Robbins AFB, Parts Maint, Tech. Pubs. 
- Boeing Corporation 
- DynMcDermott 



Success through
Configuration
Management

Manufacturing / Engineering

- Matsushita Avionics  • Church & Dwight 
- Daktronics Corporation 
- Calsonic North America 

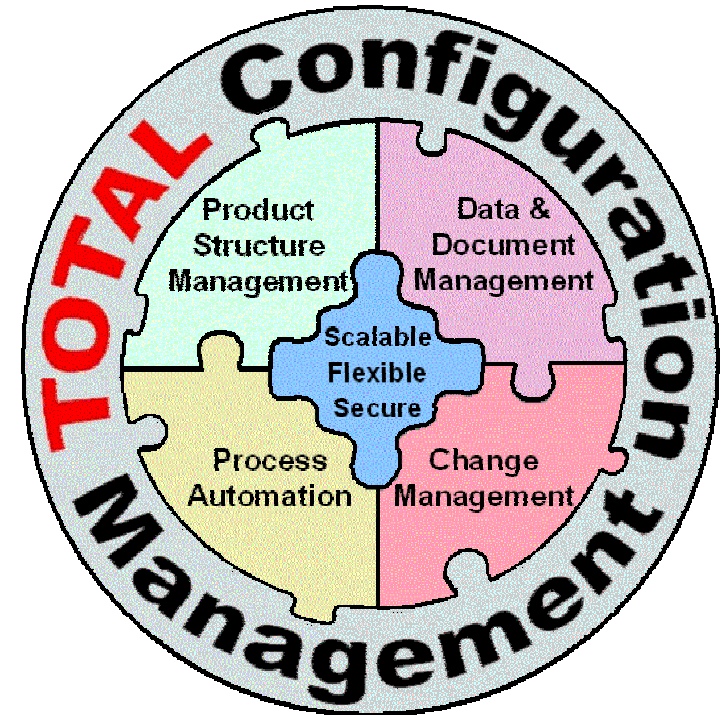
Petrochemical Industry

- OMV
- DynMcDermott 
- Wintershall (BASF Corporation)
- Nova Gas

KONFIG CM Capabilities

Enterprise Capabilities

- Web architected
- Distributed file vaults
- Replicated file vaults
- Ad-hoc workflow and structured workflow
- Messaging / E-Mail
- HTML and JSP
- Robust API toolkit



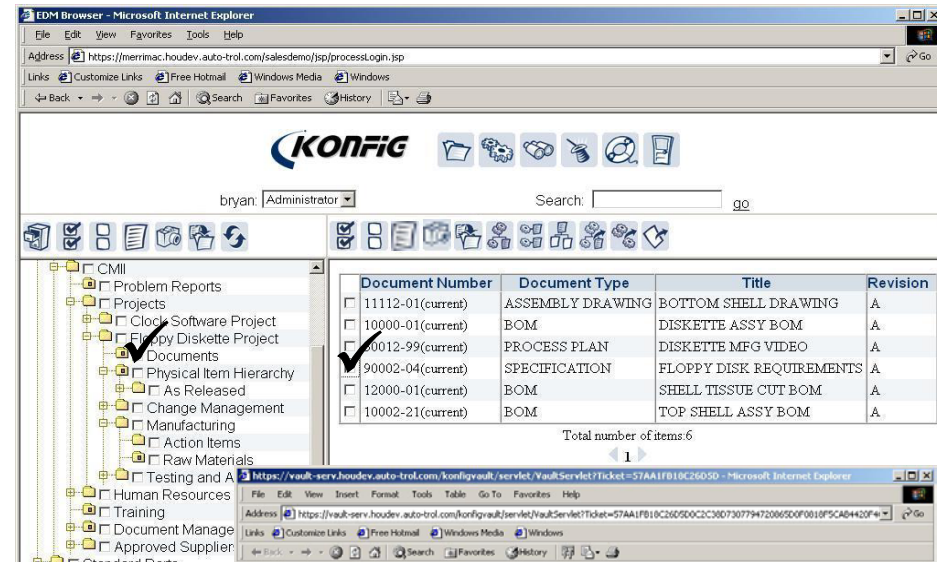
Capabilities for:

Electronic Document Management (EDM)
Product Data/Lifecycle Management (PDM/PLM)
Configuration Management (CM)
Workflow (WF)

KONFIG CM Capabilities (cont'd)

Data/Document Management (EDM)

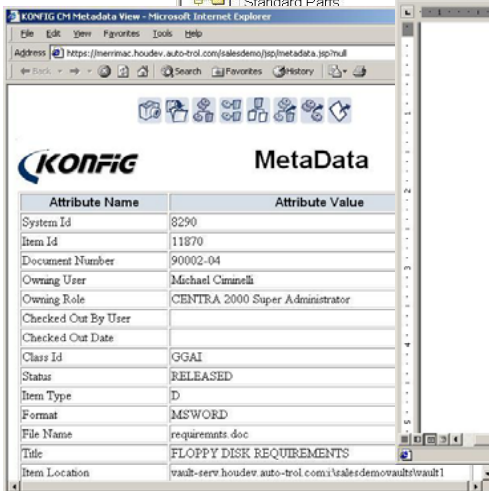
- Vaulting (repositories)
- Version Control
- Security
- Folder style organization
- Item management
- Group items
- Linking
- Searching
 - Attribute
 - Hyperlinking
 - Full text search



The screenshot shows the KONFIG EDM Browser interface. On the left, a folder tree displays the hierarchy: CMII, Problem Reports, Projects, Clock Software Project, Floppy Diskette Project, Documents, Physical Item Hierarchy, As Released, Change Management, Manufacturing, Action Items, Raw Materials, Testing and A, Human Resources, Training, Document Manage, Approved Supplier, and Standard Parts. The main pane shows a table of documents:

Document Number	Document Type	Title	Revision
☐ 11112-01(current)	ASSEMBLY DRAWING	BOTTOM SHELL DRAWING	A
☐ 10000-01(current)	BOM	DISKETTE ASSY BOM	A
☒ 90012-99(current)	PROCESS PLAN	DISKETTE MFG VIDEO	A
☒ 90002-04(current)	SPECIFICATION	FLOPPY DISK REQUIREMENTS	A
☐ 12000-01(current)	BOM	SHELL TISSUE CUT BOM	A
☐ 10002-21(current)	BOM	TOP SHELL ASSY BOM	A

Total number of items: 6



The screenshot shows the KONFIG CM Metadata View interface. It displays the following metadata for the selected document:

Attribute Name	Attribute Value
System Id	8290
Item Id	11870
Document Number	90002-04
Owning User	Michael Cmanek
Owning Role	CENTRA 2000 Super Administrator
Checked Out By User	
Checked Out Date	
Class Id	GGAI
Status	RELEASED
Item Type	D
Format	MSWORD
File Name	requirements.doc
Title	FLOPPY DISK REQUIREMENTS
Item Location	vaunt-serv.houdev-auto-trol.com/tales/demovault/vault1



The screenshot shows the FLOPPY DISKETTE REQUIREMENTS DOCUMENT page. It features a title "FLOPPY DISKETTE REQUIREMENTS DOCUMENT" and an image of a floppy disk. Below the image, there is an abstract section with text:

Abstract
With ATTCim 3.0 and CENTRA 5.x, if the user is getting "No such feature exists", the first thing to do is to check and see if either LM_LICENSE_FILE or AT_LICENSE_FILE is set. If it's not set, as a test, unset the variable(s) and try CENTRA again.

Here's what happens: When CENTRA 5.x comes up, it looks to see if either variable is set. If either one is set, then it will use that license. If neither one is set, CENTRA will use the license that has been copied into the database -- but only if neither variable is set.

So, if the variables are set, you need to find out why they are set, and then tackle the problem of "does the customer really need them or not?" If AT_LICENSE_FILE is the one that is set, then it's probably not a matter of setting the variable, but rather the user has to be able to find all of the files and licenses in a

KONFIG CM Capabilities (cont'd)

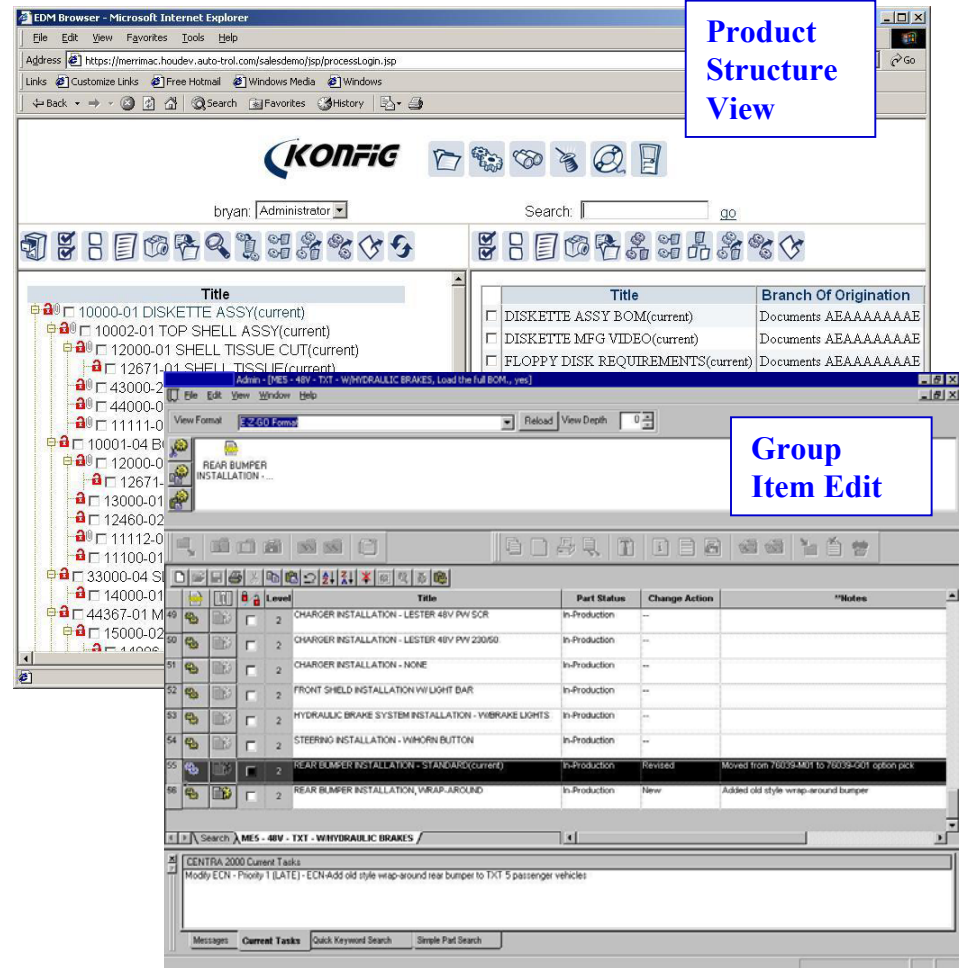
Product Data / Lifecycle Management (PDM/PLM)

Includes EDM:

Vaulting, Version Control, Security, Item Management, Searching, etc.

Adds:

- Product Structure View (EBOM)
- Manage Assembled components, sub-assemblies and individual components
- Attachments Bound to Components
- Parts-list generation
- Configuration editor



The screenshot displays the KONFIG web application interface within a Microsoft Internet Explorer browser window. The address bar shows the URL: https://merrimac.houdev.auto-trol.com/salesdemo/jsp/processLogin.jsp. The interface includes a search bar with the text "bryan Administrator" and a "go" button. A tree view on the left lists various components, including "10000-01 DISKETTE ASSY(current)", "10002-01 TOP SHELL ASSY(current)", "12000-01 SHELL TISSUE CUT(current)", "12671-01 SHELL TISSUE CUT(current)", "43000-02", "44000-02", "11111-01", "10001-04 B", "12000-01", "12671-01", "13000-01", "12460-02", "11112-01", "11100-01", "33000-04 S", "14000-01", "44367-01 M", and "15000-02". A table on the right shows the "Branch Of Origination" for selected items, with values like "Documents AEAAAAAAAAE". A "Group Item Edit" dialog box is open, showing a table with columns: "Level", "Title", "Part Status", "Change Action", and "Notes". The table lists various installation tasks, such as "CHARGER INSTALLATION - LESTER 48V PV SCR", "CHARGER INSTALLATION - LESTER 48V PV 23050", "CHARGER INSTALLATION - NONE", "FRONT SHIELD INSTALLATION W/ LIGHT BAR", "HYDRAULIC BRAKE SYSTEM INSTALLATION - VIBRAKE LIGHTS", "STEERING INSTALLATION - WHORN BUTTON", "REAR BUMPER INSTALLATION - STANDARD(current)", and "REAR BUMPER INSTALLATION, WRAP AROUND". The "Notes" column contains details about changes, such as "Moved from 760039-M01 to 760039-Q01 option pick" and "Added old style wrap-around bumper".

Product Structure View

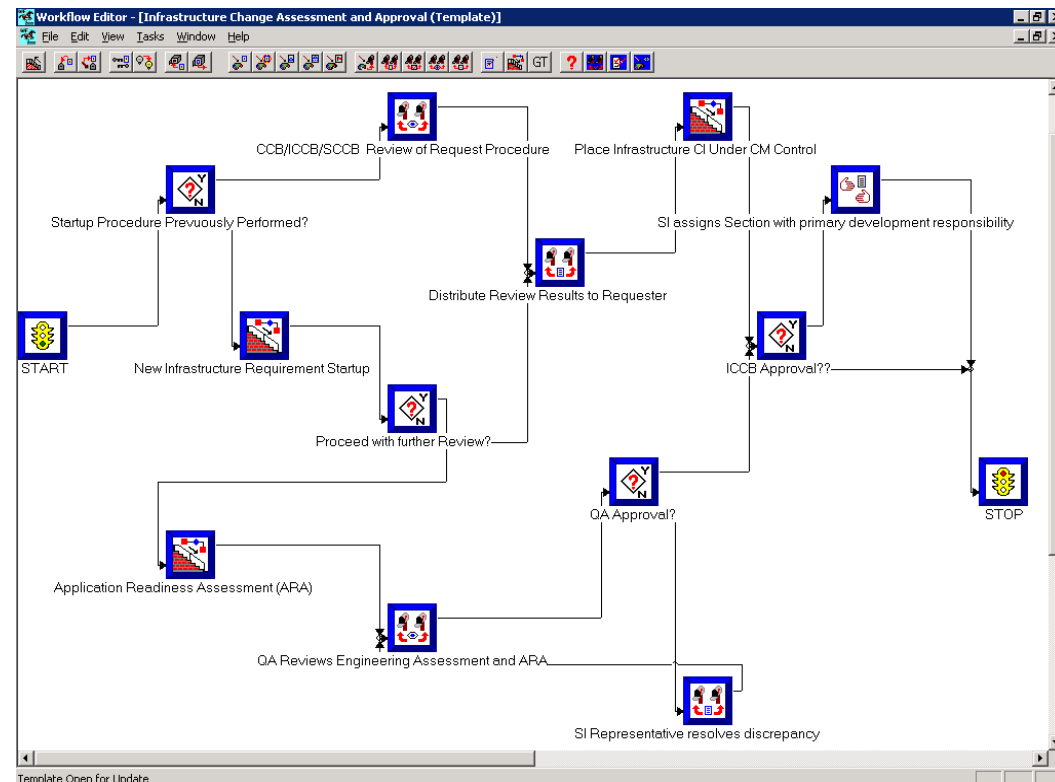
Group Item Edit

Level	Title	Part Status	Change Action	Notes
2	CHARGER INSTALLATION - LESTER 48V PV SCR	In-Production		
2	CHARGER INSTALLATION - LESTER 48V PV 23050	In-Production		
2	CHARGER INSTALLATION - NONE	In-Production		
2	FRONT SHIELD INSTALLATION W/ LIGHT BAR	In-Production		
2	HYDRAULIC BRAKE SYSTEM INSTALLATION - VIBRAKE LIGHTS	In-Production		
2	STEERING INSTALLATION - WHORN BUTTON	In-Production		
2	REAR BUMPER INSTALLATION - STANDARD(current)	In-Production	Revised	Moved from 760039-M01 to 760039-Q01 option pick
2	REAR BUMPER INSTALLATION, WRAP AROUND	In-Production	New	Added old style wrap-around bumper

KONFIG CM Capabilities (cont'd)

Workflow (WF)

- Ad hoc/structured
- Templates/instances
- Drag and drop
- Current task in-basket
- Status tracking
- Nested workflows
- User-defined tasks
- Serial/parallel tasks
- Before/after triggers
- Distribution lists
- Approvals
- Late escalations



Important Standards Supported

- CMII 
 - One of the highest rated CMII certified solution
 - 4 Star rated CMII certified solution
 - <http://www.icmhq.com/CMIITools.html>
- ISO 9000
- CMM-I
- EIA 649
- ITIL

CMII Meets or Exceeds CM Requirements for..

- ANSI/EIA 649 National Consensus Standard for Configuration Management
- ISO 9001 (2000) – Quality Management Systems
- ISO 10007 – Configuration Management
- IT Infrastructure Library (ITIL)
- Software Process Improvement and Capability determination (SPICE)
- And others....

Note: See white papers at www.icmhq.com for more detail

KONFIG CM Summary

- Large feature set
- Enterprise architecture
- Highly flexible, easy to use
- Integrated:
 - Configuration management
 - Electronic data management
 - Product structure management
 - Change management
 - Workflow process automation

KONFIG CM Demonstration

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