

## Enterprise Security

*build with reliability*

### Application Overview

Computer Guidance eCMS enterprise resource planning solution provides a comprehensive set of security configurations to protect contractors' data and business transactions while providing them with the flexibility and accessibility to information technology and business management solutions to run their businesses. eCMS is built on a proven and reliable IBM POWER7 platform that provides additional technology solutions to provide enterprise security to customers for improved control, auditing, reliability, availability and scalability.

eCMS Enterprise Security has a number of different types and level of security solutions that can be suitably aligned with your specific business needs, including Standard eCMS User Security, Adopted Authority, Column Based Security, Employee Level Security and Enterprise Content Management Security.



### Application Highlights

- Establish authorized user groups to specific eCMS applications and menu options
- Prohibit access from any second- or third-party solutions unless access is explicitly granted
- Establish user rights at the database table and column level
- Configure up to 9 different levels of employee security in the Payroll and Human Resources applications
- Establish user and group level security per category and sub-category within the eCMS Enterprise Content Management suite

# Enterprise Security

## Features

## Benefits

Standard eCMS User Security	Better risk management for sharing information internally as well as externally
Adopted Authority	Detailed control over Human Resources and Payroll information and transactions
Column Based Security leveraging (Label Based Column Control – LBCC) solution	Elimination of possible interrogations from within the organization as well as outside
Employee Level Security (Level 1-9)	Advanced IT security configurations without additional investment in technology solutions
Enterprise Content Management Security built in eCMS Batch Upload, Document Imaging, Workflow, eForms and eForms Archival applications	Better response to compliancy and regulatory standards (i.e. Sarbanes-Oaxley Act)
ECM Security is now integrated with eCMS security	Centralized environment for greater control over all aspects of the business operation
New security features added to Job Cost Inquiry/Time Card Detail	Improved protection from negative business impacts resulting from security exposures such as brand image, financial loss and compliance failures
New security for Human Resources tabs aligning it with regular eCMS security behavior	
Enhanced security for UDC has been provided	
Integrated with Cognos security through the CAP function	
User profiles created in eCMS also adhere to POWER 7 security features such as interval between password changes, extended password rules, block password changes, lockdown of spool files, etc.	



*On Tuesday March 2, IBM Corporation was named “Best Security Company” for 2010 by SC Magazine, recognizing IBM’s outstanding achievement in risk management and its comprehensive family of security solutions. As the industry’s preeminent awards program, the annual SC Awards has recognized security’s key contributors and outstanding products for more than a decade.*



# Enterprise Security

**Standard eCMS User Security** – Leveraging IBM’s powerful technology infrastructure, eCMS provides a standard user security configuration that is required and can be configured as default settings. Within Standard eCMS User Security, user groups are created and assigned to specific eCMS applications. The Standard eCMS User Security can act both as a pessimistic as well as an optimistic model where user groups have certain applications assigned without any restriction or where eCMS menu items are excluded from specific user groups. These features allow customers to configure and manage their security within eCMS without compromising on performance and availability of business applications and without the need to make further investments in security solutions.

**Adopted Authority** – Adopted Authority Security is part of the IBM Operating System that can be easily enabled and integrated with business solutions that run on the IBM platform. eCMS provides customers with ability to enable Adopted Authority for additional security configurations. With Adopted Authority, users acquire authority to objects for a specific function beyond what is granted by the public and private authorities. Adopted Authority is enabled through the eCMS Menu System where users temporarily adopt to the authority (specific rights to specific tables and columns of the database) needed by the security officer when they are performing an authorized function. As an example, suppose a user should normally be restricted from payroll files, but to perform his job, the user must be able to run a payroll report. Adopted authority allows the user to acquire enough authority to read the file for the purpose of the payroll report without granting the user any authority to the file outside of the program that runs the report. Adopted Authority responds to the requirements of the Sarbanes-Oxley Act and is proven to be a better strategy than trying to directly manage authorities at the object, column or table level.

**Column Level Security** – Label Based Column Control (LBCC) functionality provides organizations with enhanced security capabilities by establishing user access rights at the table and column level. This is an optional security configuration for eCMS customers and most commonly implemented for eCMS Human Resources and Payroll applications. Administrators can establish user groups with different sets of access rights specific to tables and columns within eCMS Human Resources and Payroll applications. This feature supports role-based (group) administration allowing column selection for processing user’s role within the division and multi-company organization. Column Level Security works in conjunction with Employee Level (Level 1-9) Security.

**Employee Level Security** – Level 1-9 Security offers another set of additional security levels for eCMS Human Resources and Payroll applications in lieu of the previous executive code that only allows for executives and non-executive employees to access payroll and human resources information. With nine levels available, organizations can create as many as nine individual user right configurations that are independent of one another and are not in a hierarchical order.

**Enterprise Content Management Security** – Within eCMS Enterprise Content Management solution, users can create categories and sub-categories based on user level and group level. These user and group levels further allow assigning specific user-defined columns. As an example, within the Document Imaging and Workflow applications, groups can be created for users that will have the ability to view and process Accounts Payable checks and another group for viewing and processing Payroll checks, but not able to view Accounts Payable checks.

**Computer Guidance Corporation**

1.888.361.4551

[sales@computerguidance.com](mailto:sales@computerguidance.com)

[www.computerguidance.com](http://www.computerguidance.com)

**COMPUTER  
GUIDANCE  
CORPORATION**

© 2011 Computer Guidance Corporation. All rights reserved.

IBM PowerSystems™, POWER7®, DB2®, PowerVM™, EnergyScale™, PowerHA™, TurboCore™ are the propriety and trademarks of IBM Corporation.