



# IDE NEWSLETTER

**Brigade Combat Team  
Project Management Office**

## SPOTLIGHT – IDE SUPPORTS MILESTONE III

The IDE document management solution (Oracle iFS) is being used to provide a collaborative work environment for the geographically dispersed Milestone III user community. This user community is provided the single point of access and control for all Milestone III documentation. This approach saves time and effort while increasing data integrity by ensuring that the latest Milestone III information is available to all affected personnel.

The IDE solution has been specially structured to support the special needs of Milestone III users. A special Milestone III Help folder contains IDE reference materials tailored to educating the Milestone III users. Another feature provides a simplified configuration of the user interface and allows this community of interest to focus on Milestone III activities.

In addition, Milestone III training classes and handout User Manuals were created to address the specific needs of the Milestone III user community. A special Milestone III notebook will be available by October 15 that will contain a Milestone III presentation, Quick Reference Guide, and a CD with Milestone III educational materials. This effort is very important to the BCT program and this customization of the IDE is another step towards insuring its success.

## UPLOADING LARGE FILES INTO IDE

The IDE document management system currently has approximately 20 gigabytes of data stored in the data base. There is a planned growth rate of two gigabytes per month. The data base is “tuned” (designed) for this storage size and growth rate. If you desire to store data in the gigabyte range in the near future, please contact the help desk to allow the data base administrator to increase the data base storage and optimize the data base for an increased volume of data.

## REMINDER: DO NOT STORE CLASSIFIED DOCUMENTS IN IDE

All information within the IDE must be Unclassified, but can be Sensitive But Unclassified (SBU). If you have any questions about documents you are going to store in the IDE, please contact your security officer, Mr. Keith Whitten, Com: (586) 753-2033. The IDE Help Desk can assist you control access to sensitive information within the IDE. Access can be limited (restricted by establishing a special group permission).

## IDE WEB SERVER: HOW IT WORKS

The BCT IDE uses the latest, most successful and reliable software and hardware products. The web server is a primary example of that approach. The function of the IDE web server is to provide web pages to clients across the Internet or an Intranet. The web server hosts the pages, scripts, programs, and multimedia files and serves them using Hypertext Transport Protocol (HTTP), a protocol designed to send files to web browsers and other protocols.

The BCT IDE uses Apache as the web server for hosting the pages, scripts, programs, and multimedia files. When a BCT IDE user requests information from a web browser, the request is sent to IDE web server. The IDE web server sends back the requested web pages to the browser using HTTP protocol. Apache lends itself particularly well to projects that are heavily Java based. It offers superior handling of the Java Database Connectivity (JDBC) application program interface, a program which allows Java-based services to access information stored in SQL-compliant databases such as Oracle. Apache, like Linux, is a piece of open-source software. It's maintained by a group of programmers who create the software for the thrill of it - not for any expected financial gain. Apache was born in early 1995, as free Web server software based around NCSA http 1.3, which was the most popular Web server of the day, and a bunch of software patches. From that it earned its moniker, which stands for "A PAthCHY server." Since then, it has been completely rewritten, and has become the most popular WWW server on the Internet. Apache runs on most UNIX-based operating systems and on Windows 2000 and complies with the newest level of the HTTP.



**BCT/EDS**



This *BCT IDE Newsletter* is a joint production effort, edited by BCT with support from EDS.





## DEACTIVATION OF AN IDE USER ACCOUNT

The BCT IDE Help Desk provides an important security function, by controlling user access privileges within the BCT IDE. These activities include; creating BCT IDE User IDs which allow access to the BCT IDE, monitoring the use of the BCT IDE and processing the deactivation and deletion of BCT IDE User IDs.

Access to the BCT IDE is restricted to personnel who are actively supporting the Stryker project. The deactivation process blocks access of a user to their BCT IDE account. Their user id will still exist and all the files owned by this user id will not be impacted by the deactivation process. Users can have their account reactivated by completing the new IDE User Account process to reactivate their account.

There are several events that can lead to deactivation:

1. A user that has not accessed the BCT IDE in 90 days will generate an email that is sent to the address listed in their profile. The user is advised that if they do not access the system within the next 30 days, their account will be deactivated. If the user fails to log into the BCT IDE within 30 days their account is deactivated
2. A user requests their account be deactivated
3. A BCT IDE leader requests that a user's account be deactivated
4. Awareness of a potential security threat

Requests for deactivation by a user for his own BCT IDE account are checked to insure that the request was sent by that user by validating their e-mail address. Requests for deactivation by a user for another BCT IDE account are validated against the sponsor list along with the requestor's email to insure that the requestor has the authority to request that the BCT IDE account be deactivated. Folder owners who have this person as a participant in their folder activities are also contacted to verify the deactivation request will not impact their activities.

Only people defined in the BCT IDE sponsor list have the authority to request that a BCT IDE user account be deactivated.

The benefits of deactivating IDE user accounts include:

- Deactivating BCT IDE user accounts is consistent with the Detroit Arsenal's security policy
- Deactivated users are not burdened with BCT IDE messages about the
- The administration of BCT IDE is focused only on serving the needs of active users

### NEED HELP?

Any time you need IDE assistance, or have any questions, please contact: **PM-BCT IDE Help Desk**

Phone: 248-265-6020

E-mail: [pm-bctidehelpdesk@eds.com](mailto:pm-bctidehelpdesk@eds.com)

## IDE ORACLE DATABASE

The BCT IDE document management system uses Oracle *internet File System (iFS)*, which is based on the Oracle 9iFS (*internet File System*) technology. The Oracle *iFS* is a file system running on top of the Oracle 9i database and is the most widely used relational database management system (RDBMS) today. Database management systems provide transaction logging and recovery mechanisms to secure data in the event of hardware failures. The Oracle relational database is organized and accessed according to the relationships between data items. Relationships between data items are expressed by means of tables. The Oracle relational database was the world's first to support the Structured Query Language (SQL), now an industry standard. The SQL statements are used both for interactive queries for information from a relational database and for gathering data for reports.

Oracle *iFS* allows users to store files in the Oracle relational database via web browsers. In addition, Detroit Arsenal users can use Windows Drag & Drop, FTP Drag & Drop, and the Oracle database. These two separate worlds of data storage meet in Oracle *iFS*. For file system users, Oracle *iFS* behaves as if it were a standard file server, organizing files into hierarchies of folders. Users may not realize that the data is stored in a database, since Oracle *iFS* behaves just like any file, web, or e-mail server and the end user does not have to interact directly with the database.

## ORGANIZING YOUR IDE INFORMATION

The IDE document management system is very flexible in allowing a person to manage their folder structures and their associated files by providing the capability to dynamically rename and restructure folder hierarchies. The two most important functions available to help manage folder structures:

- Rename folders
  - Select the folder you wish to rename
  - Click on the edit icon and select rename
  - Enter the new folder name
- Cut and paste folder(s) – This moves the cut folder(s) and all their associated files and sub folders under the target folder.
  - Select the folder(s) you wish to cut
  - Click on the edit icon and select cut
  - Select the target folder by highlighting the folder name in the left panel
  - Click on the edit icon and select paste

## IDE PASSWORD RESET

A user can send an email to the BCT IDE Help Desk requesting a password reset. To insure that the request is valid, the email address from the request is matched to the email address listed on the user's profile. A temporary password is generated and sent to the email address listed on the user's profile. The BCT IDE Help Desk does not retain the temporary password. The user received the email, accessed the system and changed the temporary password.

