

# BMC AMI Security Breakglass

Secure emergency access control made easy

## TEMPORARY EMERGENCY ACCESS CONTROL: A SECURE CAPABILITY FOR MULTIPLE USER GROUPS

BMC AMI Security Breakglass provides a fully secured and audited way for different users to request and temporarily gain additional security permissions to complete a specific task.

### HOW YOU BENEFIT

- **More secure** - fewer users need permanently elevated IBM® RACF® privileges
- **Improved access controls** - user IDs are kept in a revoked state and the password resets to a secret value when not in use
- **Improved security management** - multiple groups can be defined with different privileges for different projects and access needs
- **Decentralized security management** - access requests can be approved by authorized managers
- **Improved change management** - all requests require a change control ID logged in, audit log, and optional SMF records
- **Improved auditing** - assignment and approval of temporarily raised privileges, fully audited and trackable online, and optionally via SMF and console messages
- **Easy to use** - all requests and approvals can be performed from a standard web browser with no additional plug-ins or workstation software required

### HOW IT WORKS

- One or more user IDs are defined with elevated privileges necessary for specific projects or activities, and kept in a revoked state
- Authorized users requiring elevated privileges connect from a web browser and request a privileged user ID associated with the project or activity they wish to perform. Alternatively, a user may request that their own user ID is temporarily elevated
- Depending on a configurable time of day, requests may be granted automatically or can require manager approval. This feature offers the capability of manager approval during working hours and automatic approval in out-of-hours emergencies

## WHY BMC MAINFRAME SERVICES BY RSM PARTNERS?

We are a unique provider of mainframe expertise, software, and services, 100% focused on the IBM® mainframe marketplace. Working with many of the world's largest organizations—spanning finance, retail, utilities, government, and service businesses—no other partner offers you the same mix of mainframe infrastructure knowledge, real-world experience, reliability, flexibility and agility. We are proven to add value.

- A user granted access to an ID is able to set the new password for that ID and can subsequently login and commence work. The password for the ID is automatically reset and the ID revoked when released by the user, or after a configurable time period
- All requests for access include a change/incident number plus optional descriptive text—all viewable by the approving manager, saved in audit logs, and optionally written to SMF and the system console

## KEY FEATURES

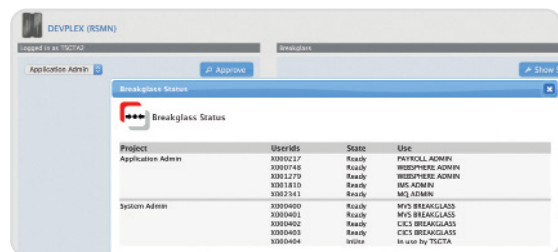
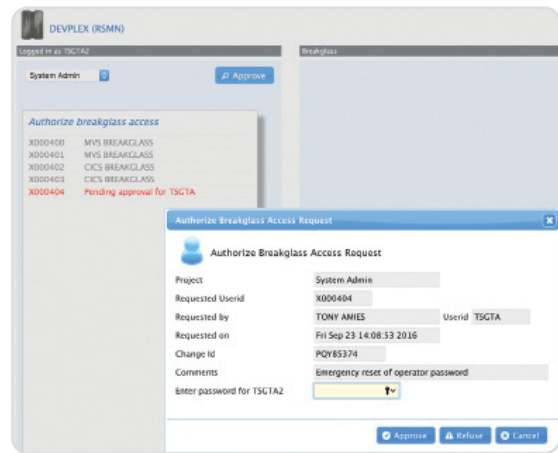
BMC AMI Security Breakglass temporarily enables one or more users to perform essential or emergency administration tasks; temporarily elevating their own privileges, or providing an alternative user ID with special privileges. Both approaches are secure and fully auditable.

## USER INTERFACE

- Via standard web browser over encrypted HTTPS connection
- Only users with appropriate RACF permissions can request Breakglass access
- Depending on RACF permissions of the signed-on- user, the interface supports:
  - » Request for access
  - » Approval of pending request
  - » Setting a new password for a user ID after approval
  - » Viewing online audit log
- The software is configurable for weekdays/weekends, a request may be granted immediately or queued for approval by an authorized manager
- For highly sensitive access or IDs, the product can be configured to always require manager approval
- For each request, a manager has details including user, incident number, and requester notes
- Access expires after a configurable time period

## Multiple Users

- The software allows multiple users concurrent access
- Once a user ID is requested, that ID is flagged as busy and subsequent users cannot request that ID until it expires
- Multiple managers are supported for each user group in case of absence or unavailability



## Configuration

- This is handled entirely by RACF groups and profiles: minimal configuration required in the product
- This enables rapid deployment and also keeps control of sensitive access details in RACF—and can only be modified by authorized security personnel

## Audit

- All activities are recorded in an audit log, which can be viewed online by authorized users
- Audit log can be exported to spreadsheet in CSV format
- SMF records record requests, approvals, and expiries; tying actions of a user ID to the user granted access to that ID
- Messages for user requests/approvals can be delivered to zDetect and optionally written to the IBM® MVS® console, from where they can be detected by automated operations products including IBM® Security zSecure™ Alert

## BMC AMI SECURITY BREAKGLASS SPECIFICATION

### Platforms Supported

- For use on mainframes running IBM® z/OS® only
- Currently supports only RACF managed environments, not CA ACF2® or CA Top Secret®

### Technical Requirements

PC/Mac supporting web browser IE, Firefox, Chrome, Safari, etc.

### Installation & Maintenance

Necessary maintenance is SMP/e packaged and delivered as either an upgrade or PTF.

### Licensing

Licensing is on a rental/subscription basis, based on SMF IDs, or environments monitored.

### Manual

The software is supplied with installation, operation, and user manuals.



### FOR MORE INFORMATION

To learn more about The BMC Mainframe Services by RSM Partners Breakglass, please visit [bmc.com](http://bmc.com)

### About BMC

From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

**BMC – Run and Reinvent**

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



BMC, the BMC logo, and BMC's other product names are the exclusive properties of BMC Software, Inc. or its affiliates, are registered or pending registration with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other trademarks or registered trademarks are the property of their respective owners.  
© Copyright 2020 BMC Software, Inc.

