



Victorian Commission for
Gambling and Liquor Regulation

49 Elizabeth Street, Richmond VIC 3121
GPO Box 1988, Melbourne VIC 3001
T: 1300 182 457
www.vcglr.vic.gov.au

REF: BMM Crown.1136.02

VCGLR Ref: 13086

Mr Petar Panich
Compliance Coordinator
Crown Melbourne Limited
8 Whiteman Street
SOUTHBANK VIC 3006

Dear Mr Panich

APPROVAL FOR THE UPDATED DACOM HOST VERSION 5.32 FOR OPERATION IN CROWN'S GAMING NETWORK

I refer to Crown's application for approval of the above. Pursuant to section 62 of the *Casino Control Act 1991* I approve the updated DACOM Host version 5.32 for operation in Crown's gaming network.

Software Details

Dacom 6000		
Description	Version Number	Checkdisk CRC
Dacom 6000	5.32	64161

Yours sincerely




Alex Fitzpatrick
Acting Director, Licensing

Date: 13/06/2014

Copy:
BMM Australia Pty Ltd
VCGLR Casino Inspectorate
VCGLR Systems Audit

07-001

**FACSIMILE TRANSMISSION****16th May 2014**

To: Crown Casino
Attention: Matt Asher
Simon Masters
Simon Cauchi
John Romanin, VCGLR
Email: 
From: Hean K Low
Total pages:
Subject: Revised recommendation for approval for the installation of Dacom 6000 (Version 5.32) for operation in Crown Casino.

If there were any difficulties in transmission, please telephone +61 3 9895 9888

This document and any following pages are intended solely for the named addressee, are confidential and may contain legally privileged information. The copying or distribution of them or any information they contain, by anyone other than the addressees, is prohibited. If you have received this document in error, please let us know by telephone, and then return it by mail to the address below. We shall refund your costs of doing so.

Dear Matt,

Please find attached our revised recommendation for approval for the installation of Dacom 6000 (Version 5.32) for operation in Crown Casino.

This revised report fixes the Dacom Checkdisk CRC.

Please do not hesitate to contact me if you have any further comments.

Yours sincerely,



Hean K Low

Group Manager – Technical Services

bmm australia Pty Ltd

level 3, 810 whitehorse road, box hill, melbourne, victoria, australia, 3128 t +613 9895 9888 f +613 9899 6277
corporate reg: ABN 85 084 016 044 NATA Accreditation IEC/ISO 17025-15122

bmm.com

Recommendation for Approval

Crown Reference Number:	Crown request dated 29 th April 2014
Operator Reference Number:	N/A
Operator:	Crown Casino
Manufacturer:	Crown Casino
BMM Report Date:	16 th May 2014
BMM Report Number:	Crown.1136.02

1. PURPOSE

Crown is seeking approval from The Commission to install Dacom 6000 (Version 5.32) for operation in Crown Casino. The reasons for this update are:

Rectifications:

- a) Modified code to ensure that bonus jackpots are updated to VOID when players are removed from eligibility.
- b) Modified bonus jackpots configuration screen to correctly account for non-cash prizes.
- c) Modified code to address the issue when the processing of ticket batch in the cashier screen was not working.
- d) Modified code to ensure that the standard empty report is shown when the report has no data.
- e) Fixed the syntax error (missing comma) in the purging script.
- f) Fixed the Aristocrat Time-On-Floor Performance Report where the query was returning more than one record for a particular game name selection criterion.
- g) Fixed Dacom Crown Data Warehouse (CDW) report such that the TITO paid records is extracted using the paid trading date (instead of the print trading date).
- h) Modified EFC reports to include Member Money Jackpot (MMJ) increments and updated bonus jackpots non-cash prize configuration.
- i) Modified daily jackpot government report to include Carded Lucky Time "Variable Prize" payout type jackpots.
- j) Modified code to prevent Jackpot Member Report from crashing due to ratings overlapping at the time of a jackpot.

Enhancements:

- a) Improve the performance of polling links during the EOD process for standalone progressive EGMs. At the moment, the polling links during the EOD is limited to one device (EGM) at a time. This change will allow for multiple polling requests to be sent out and processed by the Dacom system (up to 10 devices as per the configuration file).
- b) User Interface improvements made to Member Money Jackpot (MMJ) Configuration screen.

- c) Added the support for "Free Credits" tickets for Ticket-In Ticket-Out (TITO) functionality. The "Free Credits" tickets are only redeemable at EGMs. The "Free Credits" tickets cannot be redeemed at Fully Automated Table Game (FATG) or Semi-Automated Table Game (SATG) devices and Ticket Redemption Terminals (TRT). Once the "Free Credits" are credited on the EGM, they cannot be collected via cash ticket, handpay or cashless transfer (i.e. the "Free Credits" remain in the EGM until they are being played off).
- d) Removed all requirements of external controller for the deduction of VARPZ prize value from revenue for Carded Lucky Time (CLT) Jackpots.
- e) Modified code to exclude staff card from "PIN Lock On Card Out Check" in the audit trail message.
- f) Added support for ASP 2.12 changes for Class 5 Type 1-4 Parameter D-F (to extract the current hidden pool values from standalone progressive jackpot EGMs).
- g) Modified code to ensure that Fully Automated Table Game (FATG) card based promotion redemptions are sent to SYCO to inform them that there has been a redemption made.

2. EVALUATION PERFORMED

BMM has evaluated the updated Dacom Host according to the documents supplied by Crown / Aristocrat.

BMM's evaluation involved verifying the changes introduced in this release (via functional testing, where applicable; according to the test plan and source code difference analysis), and general regression testing which BMM performed to a level that was deemed adequate for this type of release.

3. RECOMMENDATION

BMM has verified the Dacom 6000 (Version 5.32) against VCGA TRD V3.0 (where applicable), and recommends that The Commission approve the following software for operation in Crown Casino:

SOFTWARE DETAILS

Software Details		
Dacom 6000		
Description	Version Number	Checkdisk CRC
Dacom 6000	5.32	64161

4. CONDITIONS ATTACHED TO APPROVAL

N/A.

5. CLIENT INSPECTION PROCEDURE

N/A.

6. ADDITIONAL INFORMATION

The following is provided as general information and its content does not alter the scope or findings of the evaluation, unless noted:

- (a) BMM cannot verify the Dacom software enhancement to extract the current hidden pool values from standalone progressive jackpot EGMs via Class 5 Type 1-4 Parameter D-F) as this functionality is only available on EGMs which support ASP v2.12 protocol and above. Since no EGMs are available for testing and that the ASP v2.12 protocol document is not yet officially released by Crown/Aristocrat, this functionality will be tested if EGMs support this functionality in the future. However, BMM has performed regression testing to ensure that this enhancement does not impact the existing Dacom functionalities.

7. COMMENTS

BMM has conducted a level of testing which has historically been adequate for a submission of this type. However, inherent in testing in a laboratory environment is the unavoidable limitations of it not being possible to verify the effects of all possible configurations and environments that occur in actual gaming venues.

Accordingly, subject to the above comments, from the testing performed BMM confirms that the item under test (unless otherwise stated) conforms to the relevant Technical Requirements.

Yours sincerely,



Hean K Low

Group Manager – Technical Services