



# BankWorld HSM Configuration

BankWorld ATM is one of the many CR2 self-service channels that forms one part of CR2's multi-channel banking system.

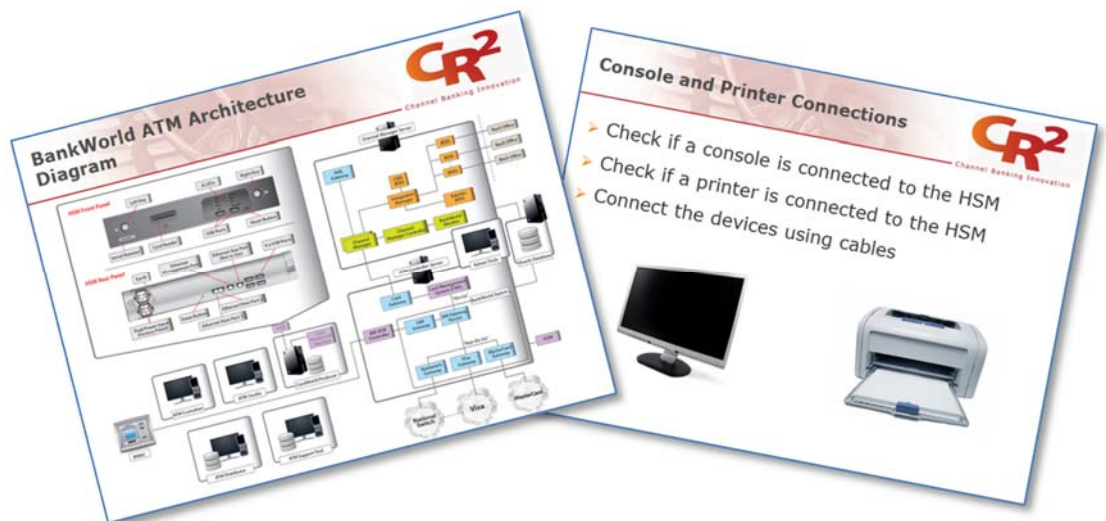
It is vitally important that all transactions through this channel are secure. Hardware Security Modules (HSMs) are used to ensure this security.

This course gives participants an in-depth knowledge of how to set up an HSM to support the ATM channel.

## Benefits:

You will be able to assist in the setting up of your Bank's HSMs to operate with the BankWorld platform.

Having staff trained in configuring HSMs for BankWorld will enable the configuration process to be more efficient, and may in turn result in lower consultancy costs.



Our training is a blend of classroom and online training and includes:

- Overviews
- Installation
- Configuration
- Operations
- Tools

For more information please email us at [training@cr2.com](mailto:training@cr2.com).

[www.cr2.com](http://www.cr2.com)

## Duration:

0.5 day (classroom-based)

## Audience:

This course can be taken by anyone, but it is designed in particular for:

- ❖ Bank Technical Security staff

## Location:

CR2 offices in Dublin, Dubai and Amman. Can also be run onsite on request.



## Pre-requisites:

- ❖ *BankWorld Architectural Overview* eLearning course
- ❖ *ATM System Configuration* course

**Objectives:** At the end of this course you will be able to:

1. List the items required to set up a Hardware Security Module (HSM)
2. Check if the HSM is correctly connected to the required devices such as printers and consoles
3. Identify the main task involved in configuring an HSM to operate with BankWorld ATM
4. Check and amend the host configuration settings
5. Enable and disable PIN block formats
6. Check and amend the HSM security settings
7. Create ATM, Network, and Issuer Encryption Zones and Keys

## Course Outline:

- ❖ HSM Overview
- ❖ HSM Installation and Configuration Process
- ❖ Console and Printer
- ❖ Host Interface Configuration
- ❖ Security Configuration
- ❖ PIN Block Configuration
- ❖ Local Master Keys (LMKs)
- ❖ ATM System Encryption Management
- ❖ Course Exam

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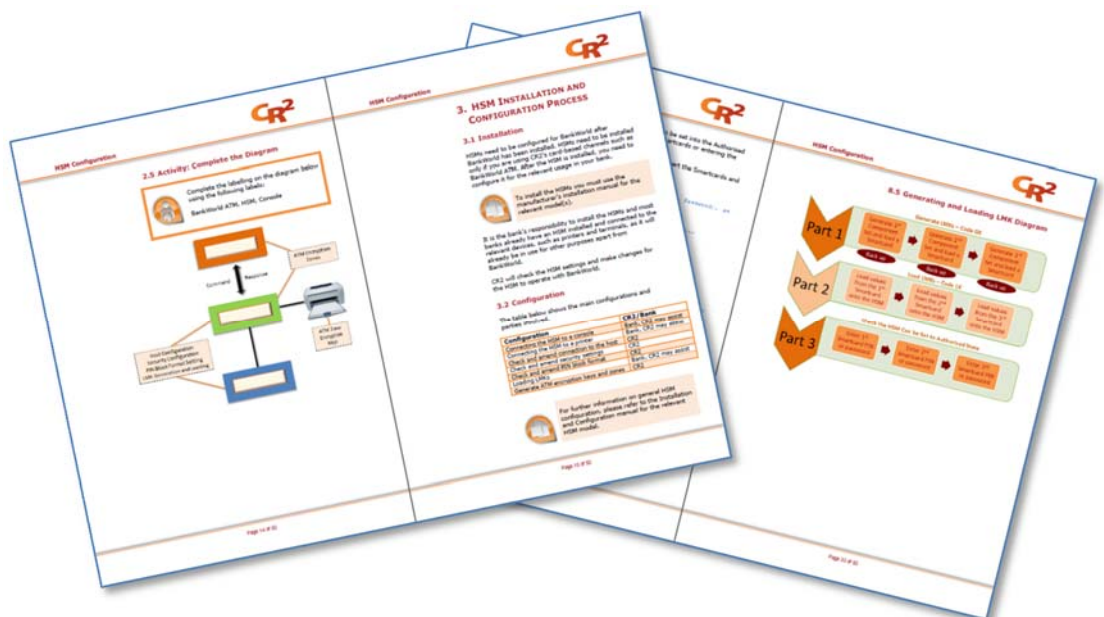
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## Materials:

Course Participant Guide, Course handouts / diagrams, Glossary, relevant User Guides, etc., supplied on Apple iPad<sup>1</sup> (or equivalent) or on USB key.



<sup>1</sup> Apple iPad (or equivalent) only supplied if course is undertaken at a CR2 office location.