



# **BANK OF GHANA**

## **CORPORATE MANAGEMENT AND SERVICES DEPARTMENT MEMORANDUM**

**FROM: G**  
**TO: S**  
**DATE: MAY 17, 2019**  
**SUBJECT: IMPLEMENTATION OF ANTI-MALWARE SOLUTION  
FOR THE BANK**

Reference is made to the Information Communication and Technology Department's (ICTD) memorandum dated November 16, 2017 on the above subject (Copy attached).

Subsequent to ICTD's request to procure Anti-Malware Solution for the Bank, the Corporate Management and Services Department (CMSD) sought Management's approval and further sought the Public Procurement Authority's (PPA) approval to undertake procurement processes leading to the procurement of the software.

Further to PPA's approval, a Technical Committee was approved by Management to undertake various processes to procure the software.

At the maiden meeting of the Technical Committee, the ITD team were tasked to submit Request for Proposal (RFP) for consideration by the Committee.

However, the information reaching CMSD indicates that the current version of Anti-Malware being used by the Bank is highly rated and cheaper in cost than those on the market. Therefore in the opinion of ICTD, it is most appropriate to continue using the current version until further notice.

The purpose of this memorandum is to request ICTD to confirm the above information in writing to enable us terminate the procurement process.

Submitted, please.

**GEORGE ADU-SEFA**

Encl.



BANK OF GHANA

RECEIVED

23 NOV 2017

CMS DEPT

BANK OF GHANA

## MEMORANDUM

FROM: S

TO: 01

DATE: 16<sup>TH</sup> NOVEMBER, 2017

SUBJECT: PROPOSAL TO IMPLEMENT ANTI-MALWARE SOLUTION FOR BANK OF GHANA

In the recent Vulnerability Assessment and Penetration Testing exercise conducted on the Bank's computer systems by an Independent Assessor, one of the highly critical findings had to do with the presence of over eleven thousand (11,425) Malwares on forty-five (45) sampled machines. This finding exposed the defectiveness in the McAfee Antivirus software we have used on our PCs until now, in handling modern Malwares.

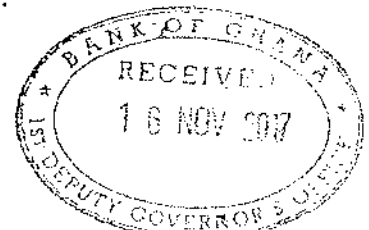
To resolve the issue immediately after some research, we found help in Microsoft's System Centre Endpoint Protection which could detect and remove the Malwares identified. We therefore scanned all machines on the network and implemented System Centre to replace McAfee as a stop gap since Microsoft's System centre is not very strong in preventing Malwares which come through phishing emails.

Malware" is short for "malicious software" - computer programs designed to infiltrate and damage computers without the user's consent. Examples are Viruses, Worms, Trojan horses, Spyware, and Adware.

Coincidentally, in July this year, a proposal had been submitted to the Bank by Edge Digital Communications & Consulting Ltd on Social Media Security which had been referred to ITD for review. In the course of our discussions, the issue of Malwares came up and they proposed to introduce their award winning Anti-malware product - **Avecto Defendpoint**.

A demo session was arranged for us and we were convinced their mode of defence was more effective, especially at the PC end which is the most vulnerable point of entry for viruses from phishing mails and external drives. Defendpoint stops various vectors such as ransomware, social engineering, zero day attacks and insider threats.

The Defendpoint's concept of application whitelisting, isolation and privilege management, allows an organization to take control of its software environment and reduce risk significantly by blocking the unknown. Current clients of Avecto include PWC, Deloitte, Australian Govt., HSBC, Bank of America, etc.



GMM

① G Please discuss S Please discuss  
process implication MMA 23/11/17 MMA 16/11/17  
with or with or

② GPC

Pls. arrange response

JA 15/2/18

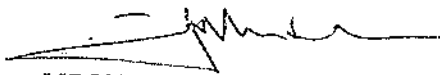
③ GMD  
Pls draft a response on indication the implication on all the various activities to process this solution.  
DM 16/2/18

④ David  
FYA  
16/2



In view of the above, we recommend that Avecto Defendpoint be acquired and implemented on 1,500 active Desktops in the Bank at a cost of about **US\$225,000 (two hundred and twenty-five thousand)** and a recurrent annual maintenance fee of **US\$45,000.00 (forty-five thousand)**.

Submitted for your kind consideration and approval, please.

  
**MICHAEL MENSAH**  
**(AG. HEAD)**

Encl.

cc: +, 02

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