

A B S T R A C T**COMPUTER APPLICATIONS IN MAINTENANCE MANAGEMENT  
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Over the last two (2) decades numerous software packages have been developed to assist the maintenance manager in the execution of his job function. This study was undertaken to determine the extent to which these developments in computer applications could be used to assist in the management of the maintenance function in Trinidad and Tobago.

In order to identify areas suitable for Computer Aided Maintenance Management (CAMM), it was necessary to define the scope of Maintenance Management. The scope was established after reviewing the problems encountered while executing the maintenance function.

Having identified the scope of Maintenance Management, the essentials of an ideal CAMM system were identified. This ideal system was used as the criterion for conducting surveys to determine the extent to which CAMM was used in the local manufacturing sector and the availability of related software (both general and specific application). From the response of the manufacturing sector, ten percent (10%) of the firms were using CAMM while another forty-three (43%) were interested. The response from the software suppliers revealed that software packages

for CAMM were not readily available locally; however, there were various general application software packages available on micros which can provide most of the desired CAMM applications.

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The ready availability of general application software packages and the absence of CAMM packages prompted the exploration of using general application software packages for CAMM applications. The integrated software package 'JAZZ' was used on the Apple Macintosh microcomputer to demonstrate two (2) modules of the ideal CAMM system.

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