ABSTRACT

**DESIGN IMPELEMENTATION OF MICROSOFT ENDPOINT
MANAGER ON CORPORATE DEVICES**

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The rapid development of technology has made people use mobile devices as a part of their daily needs. The increasing number of mobile users aligned with the functionality of mobile devices makes it easier for people to get work done quickly. The advanced mobile devices that continue to grow exponentially make offices and businesses use mobile devices as integrated instruments in their activities. The diverse IT device landscape makes it difficult for IT division to organize and regulate these devices. Mobile device management is software that manages enterprise mobile devices on a large scale. Microsoft Endpoint Manager is used in planning the configuration of devices within the company. The design result was then implemented in a test environment using VirtualBox. The outcome of the implemented design within the testing environment shows the ease of managing the device in one place.

Kata kunci: *Mobile Device Management (MDM)*, *Microsoft Endpoint Manager (MEM)*, *Enterprise Mobility*, *Cloud Service*