

APPROVAL

Approval of the Graduate School of IT Telkom

Date _____

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Dean of Graduate School of IT Telkom

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Informatics Engineering.

Date _____

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Head of Informatics Engineering

This is to certify that we have read this thesis and that in our opinion it is fully adequate, in scope and quality, as a thesis for the degree of Master of Informatics Engineering.

Date _____

(Prof. Dr. The Houw Liong)

Co-Supervisor

(Adiwijaya, SSi., MSi)

Supervisor

Examining Committee Members

Date of examination _____

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Chairperson of the jury

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Jury's member

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Jury's member