



midwest
architecture community
collaboration

ASA

Midwest Architecture community Collaboration

Arch-a-than workshop



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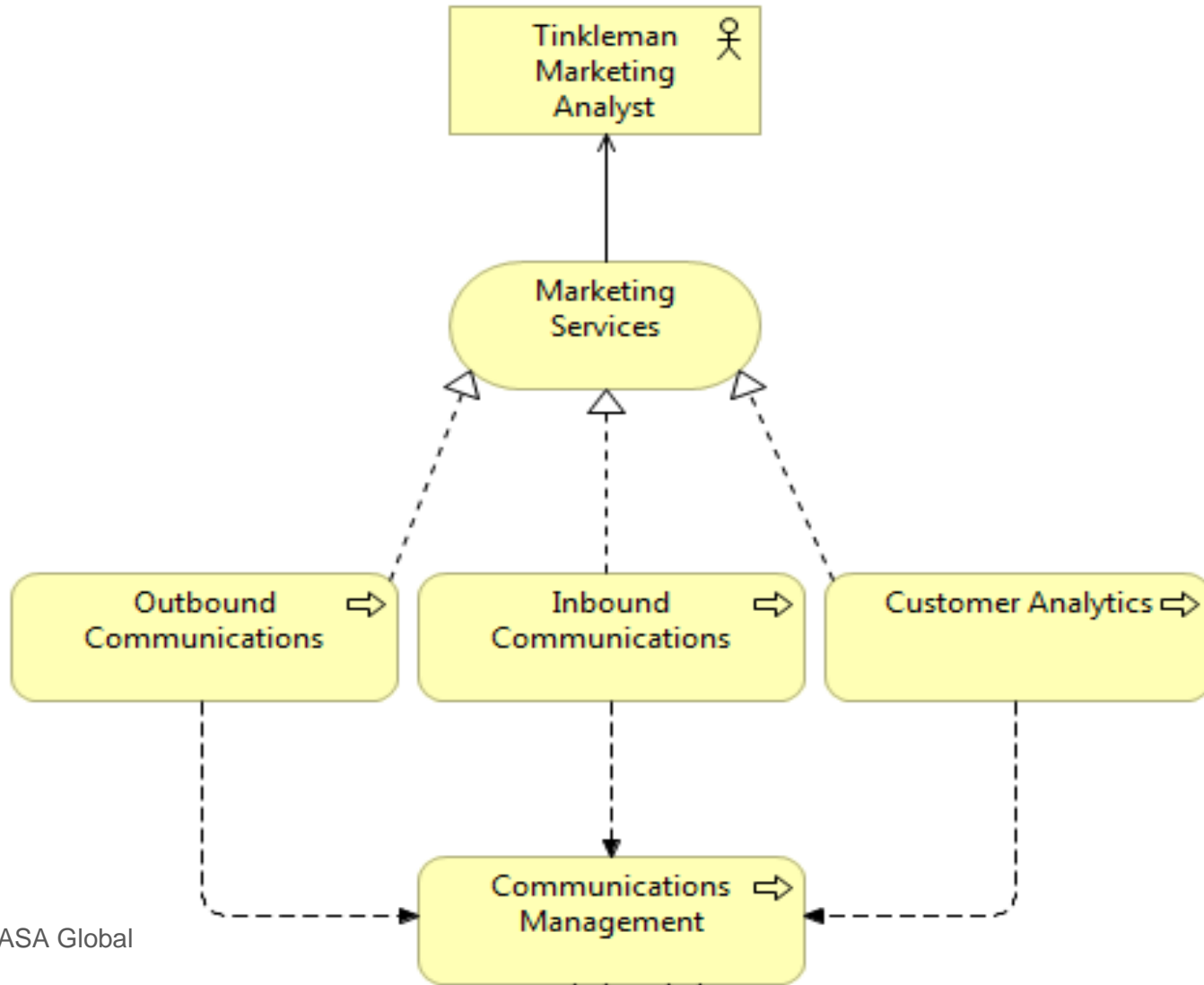
Introduction

Application Architecture Components



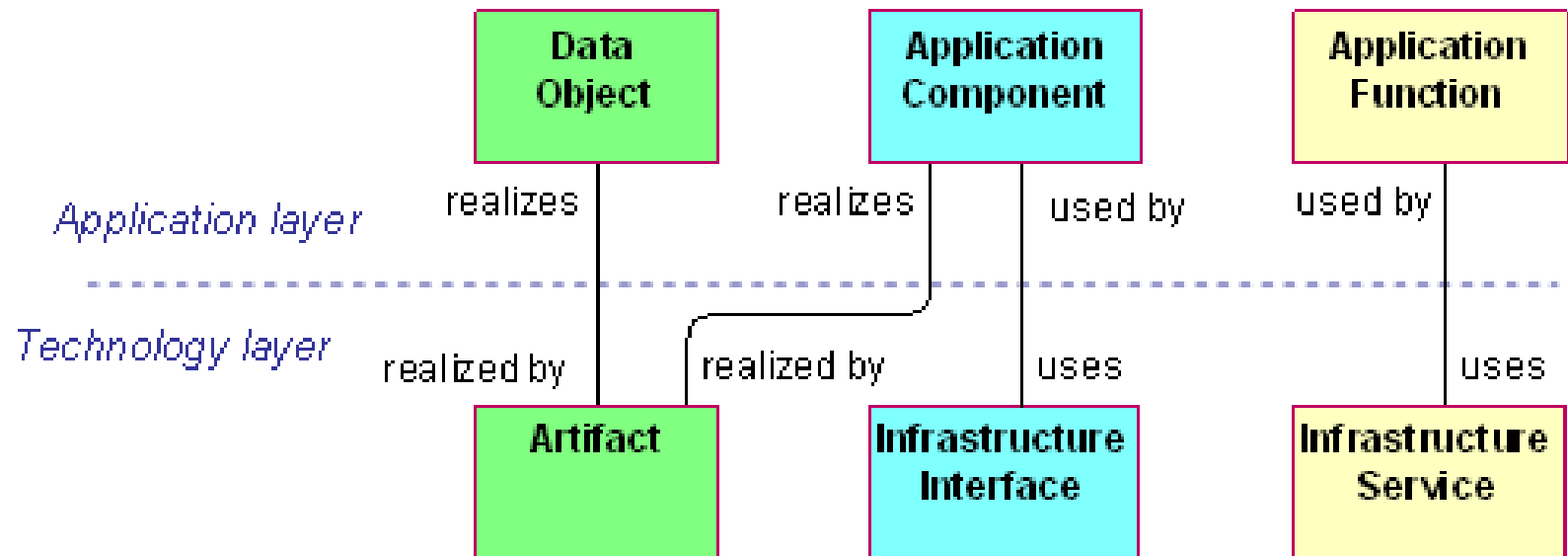
Business Process Mapping

Allows us to model business organization business process and product



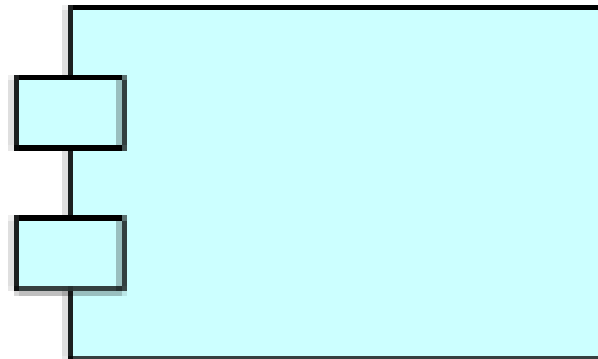
Business-Application Alignment

- In this model below, shows the relationships between application layer and technology layer concepts and reading:



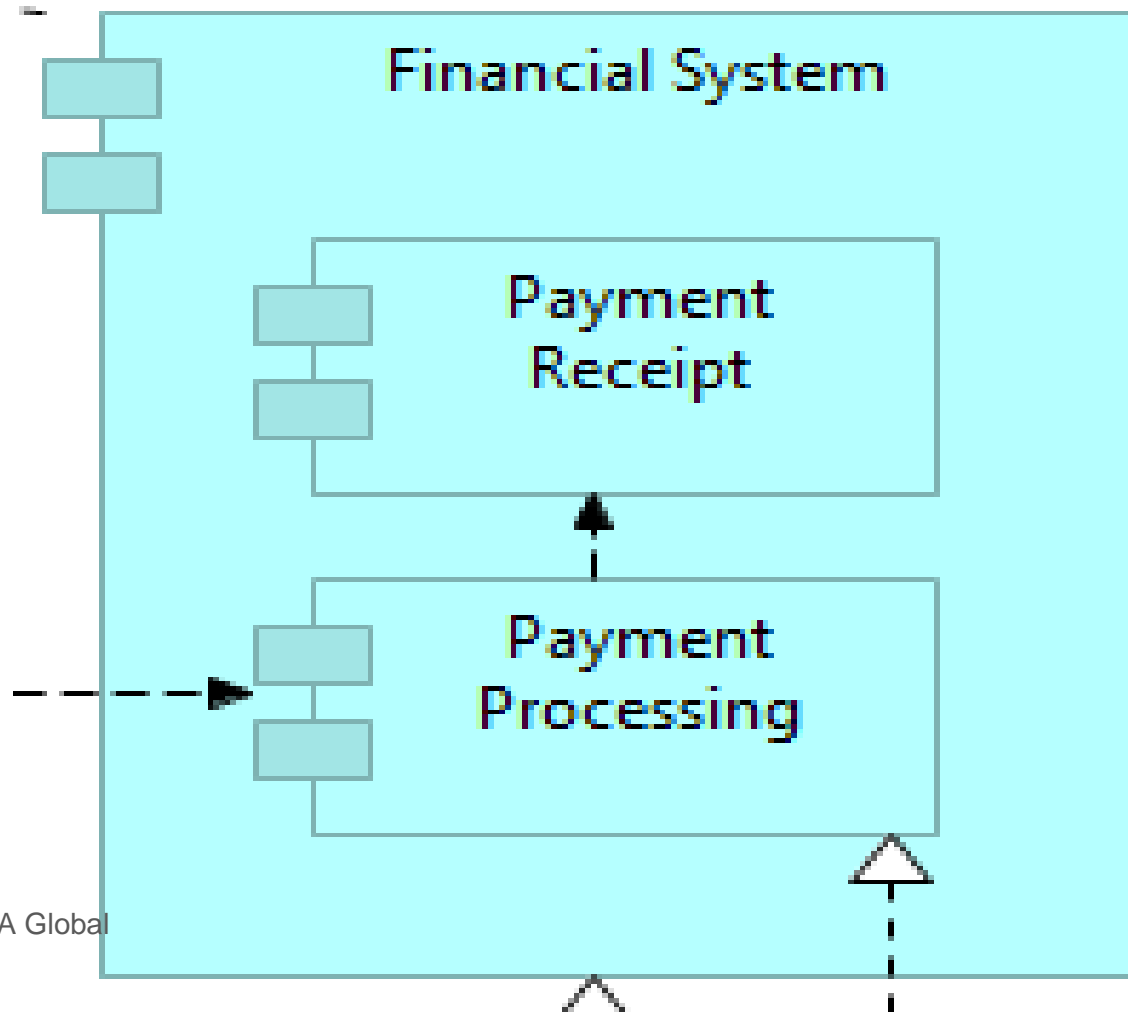
Application Component

- An application component is defined as a modular, deployable, and replaceable part of a system that encapsulates its contents and exposes its functionality through a set of interfaces.
- Application Component notation:

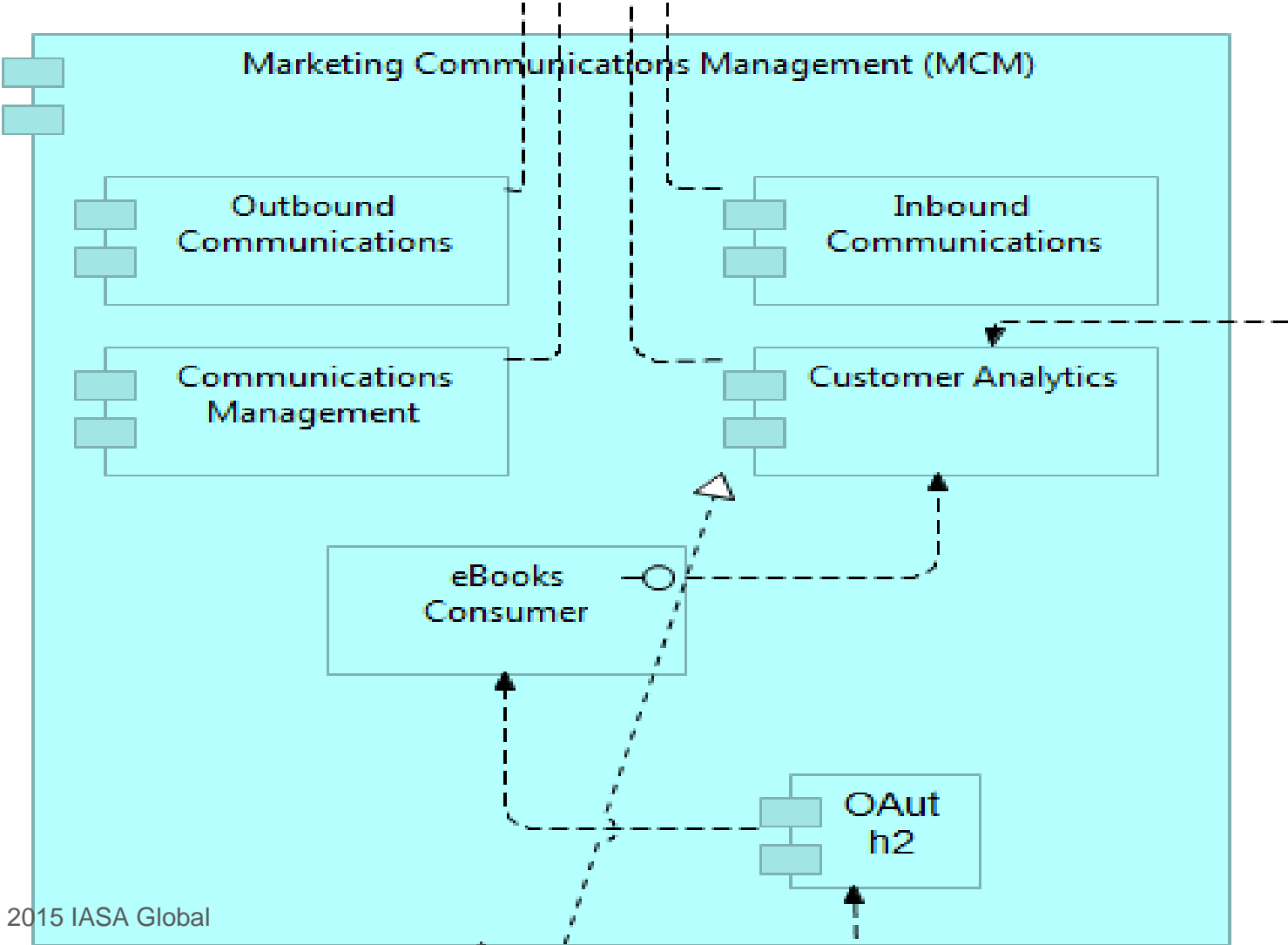


Application Layer

- Application layer allows us to document application landscape and understand the dependencies between these applications

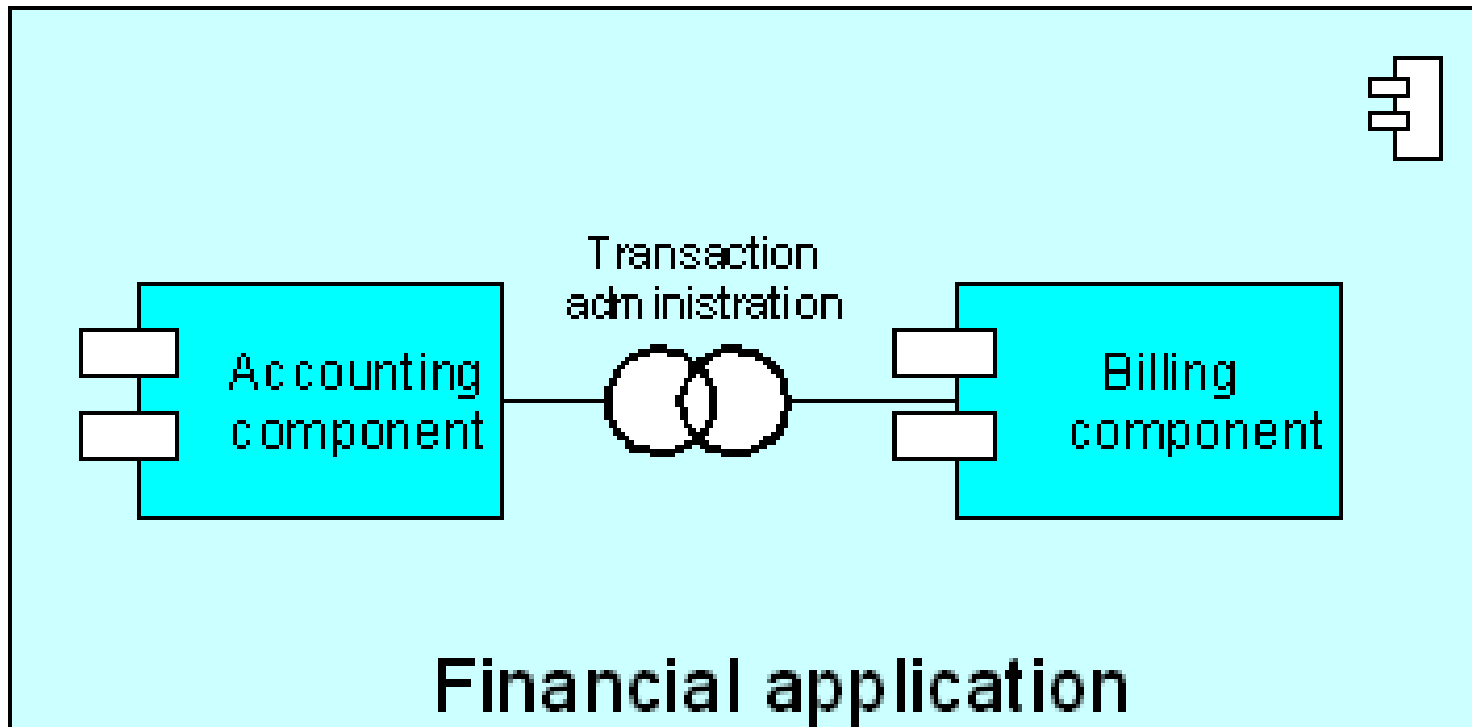


Application Layer



Application Mapping

- In the model below, a financial application is depicted as an application component consisting of two collaborating subcomponents for accounting and billing.



Application Collaboration

- In the model below, two components collaborate in transaction administration: an Accounting component and a Billing component. This collaboration performs the application interaction Administrate transactions.

