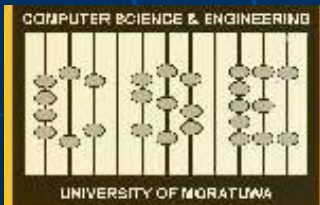# Universal BioSys

Best security through nature……

Biometric enabled third-party authentication system

BioSys Team :

- Ravindra De Silva
- Dilum Bandara
- Dasun Weerasinghe

Problem

- Complexity of integration within an enterprise level network
  - Biometric technology dependence
  - Vendor dependence
  - Platform dependence

- High cost associated in using similar types of devices

- Requirement for in-depth security

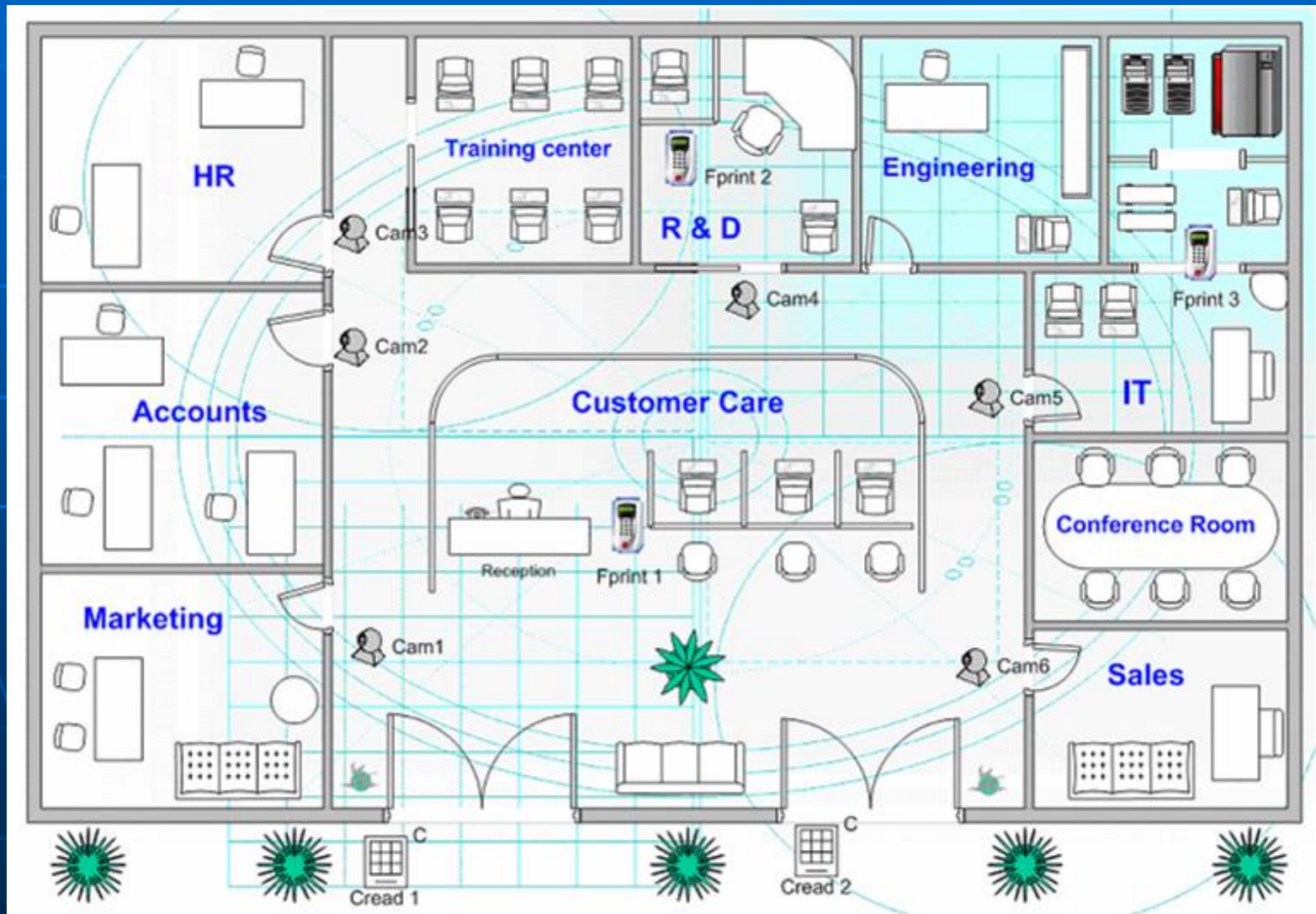*Universal BioSys - Best security through nature*

Solution

- Integrate different biometric technologies
- Platform & vendor independence
- Simple application development
- Administrative advantage
- In-depth-Security
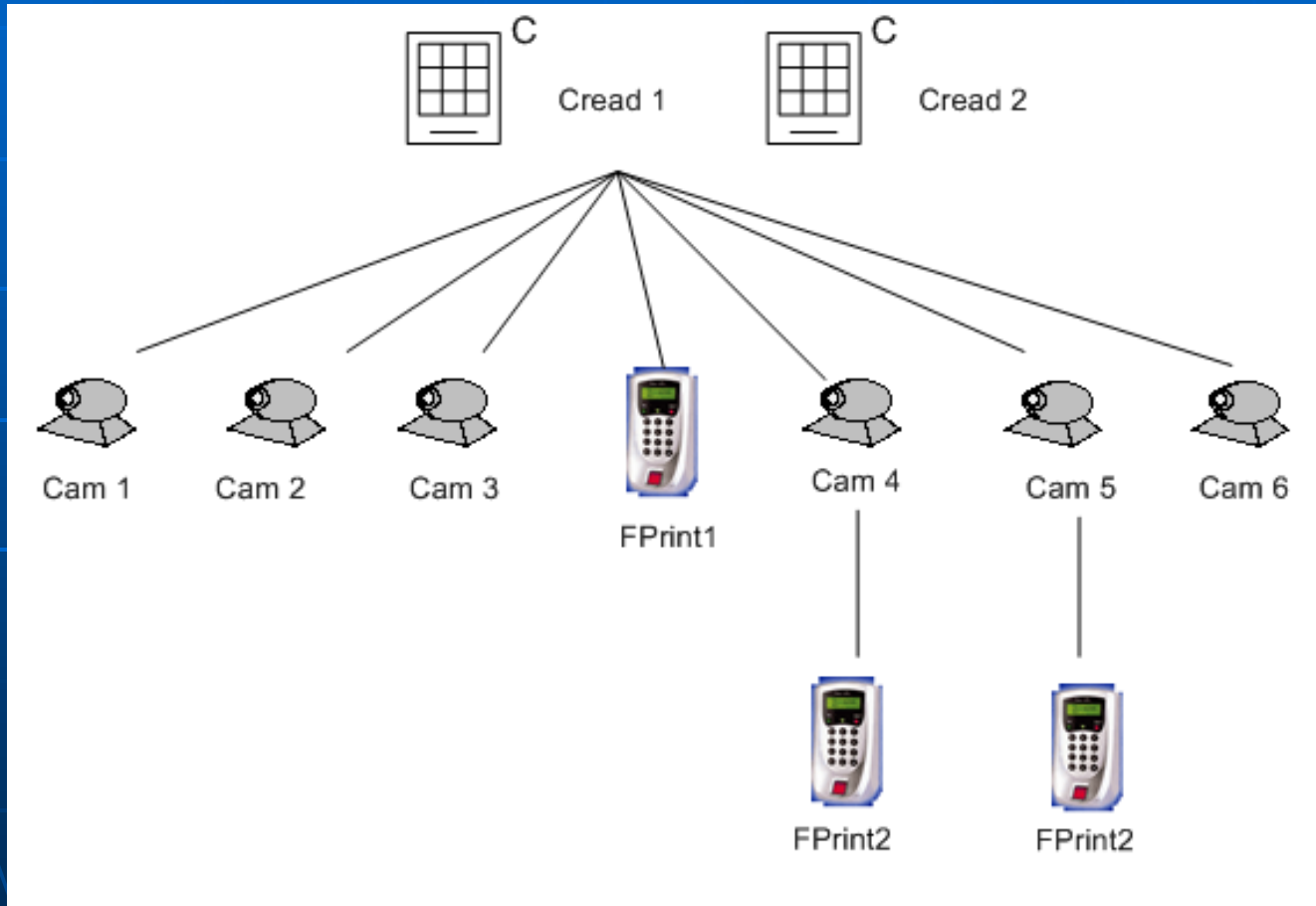- Minimize Total Cost of Ownership (TCO)

Unique Features
Device-Hierarchy
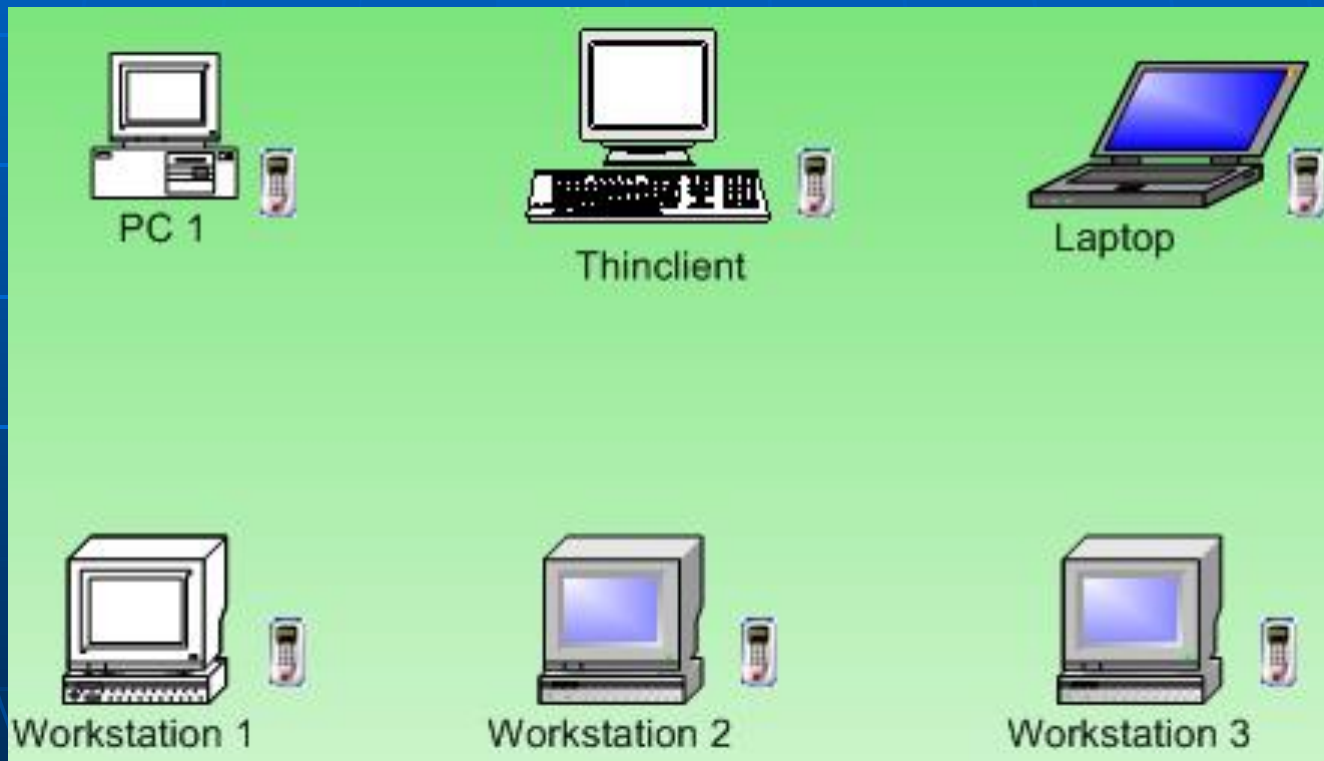
Unique Features
Device-Hierarchy cont..

Unique Features
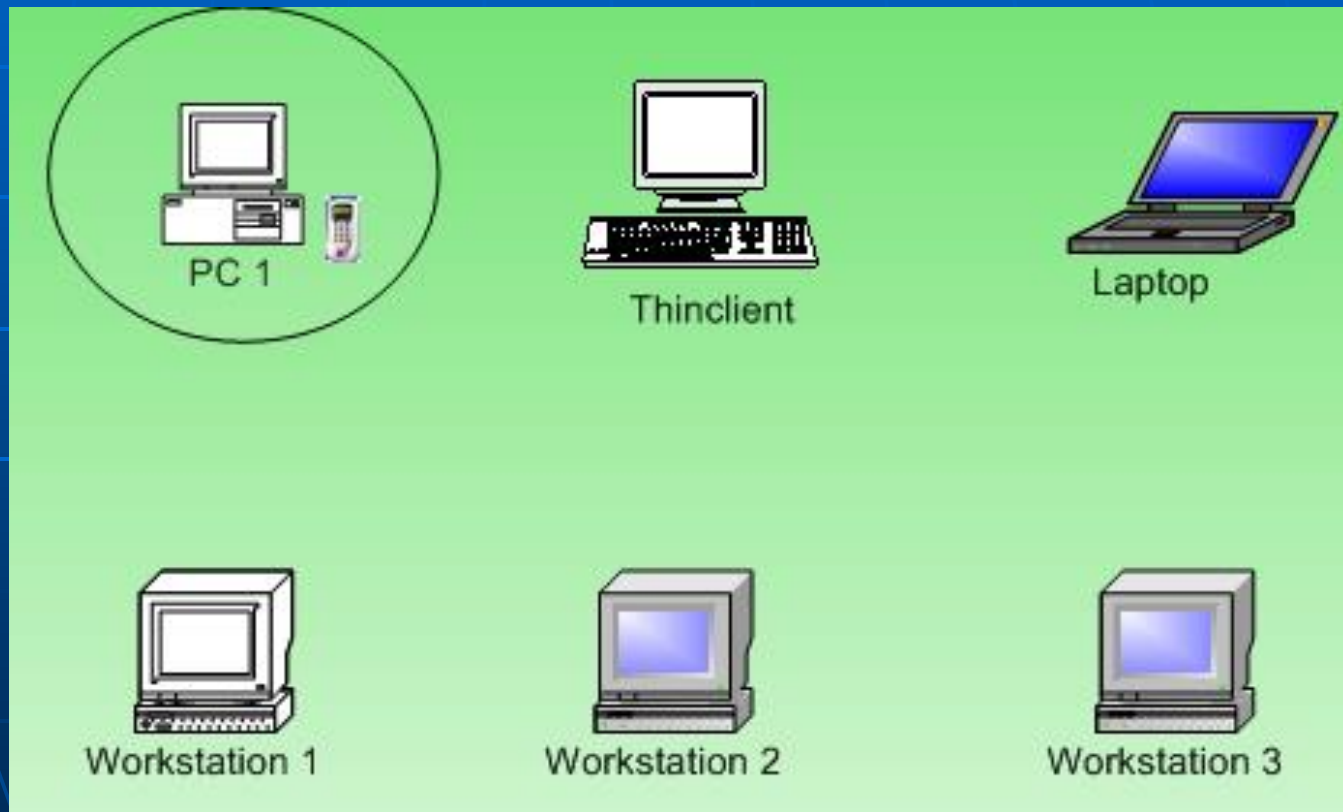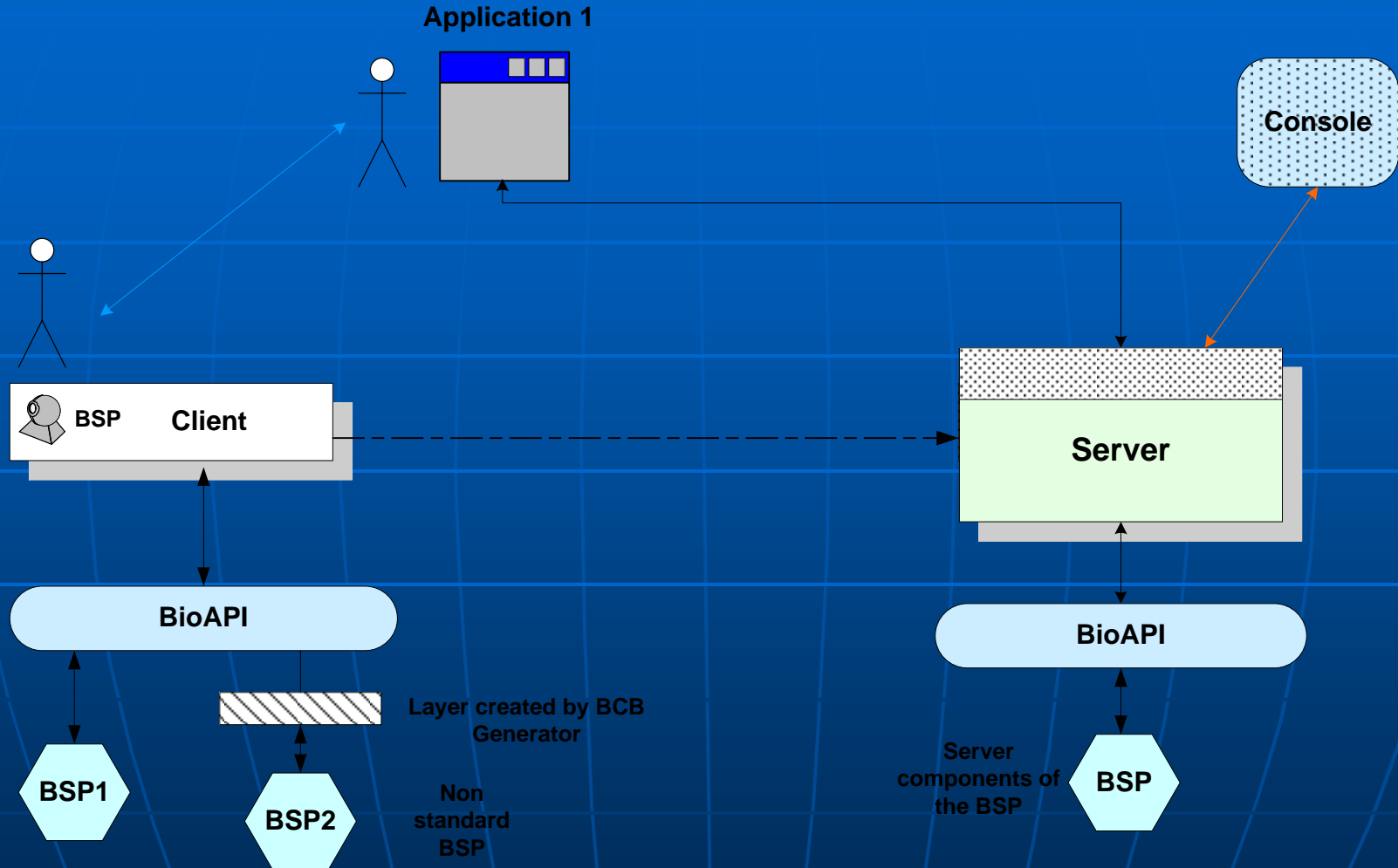## many-to-many Mapping

- 6 computer → 6 devices

Unique Features
many-to-many Mapping cont..

- 6 computers → only 1 device

Architecture

Application 1

Console

BSP   **Client**

Server

BioAPI

BioAPI

Layer created by BCB
Generator

BSP1

BSP2

Non
standard
BSP

Server
components of
the BSP

BSP

universal
BioSys

Universal BioSys - Best security through nature

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