# EDUCATIONAL NETWORK ENVIRONMENT: MODELS AND IMPLEMENTATION

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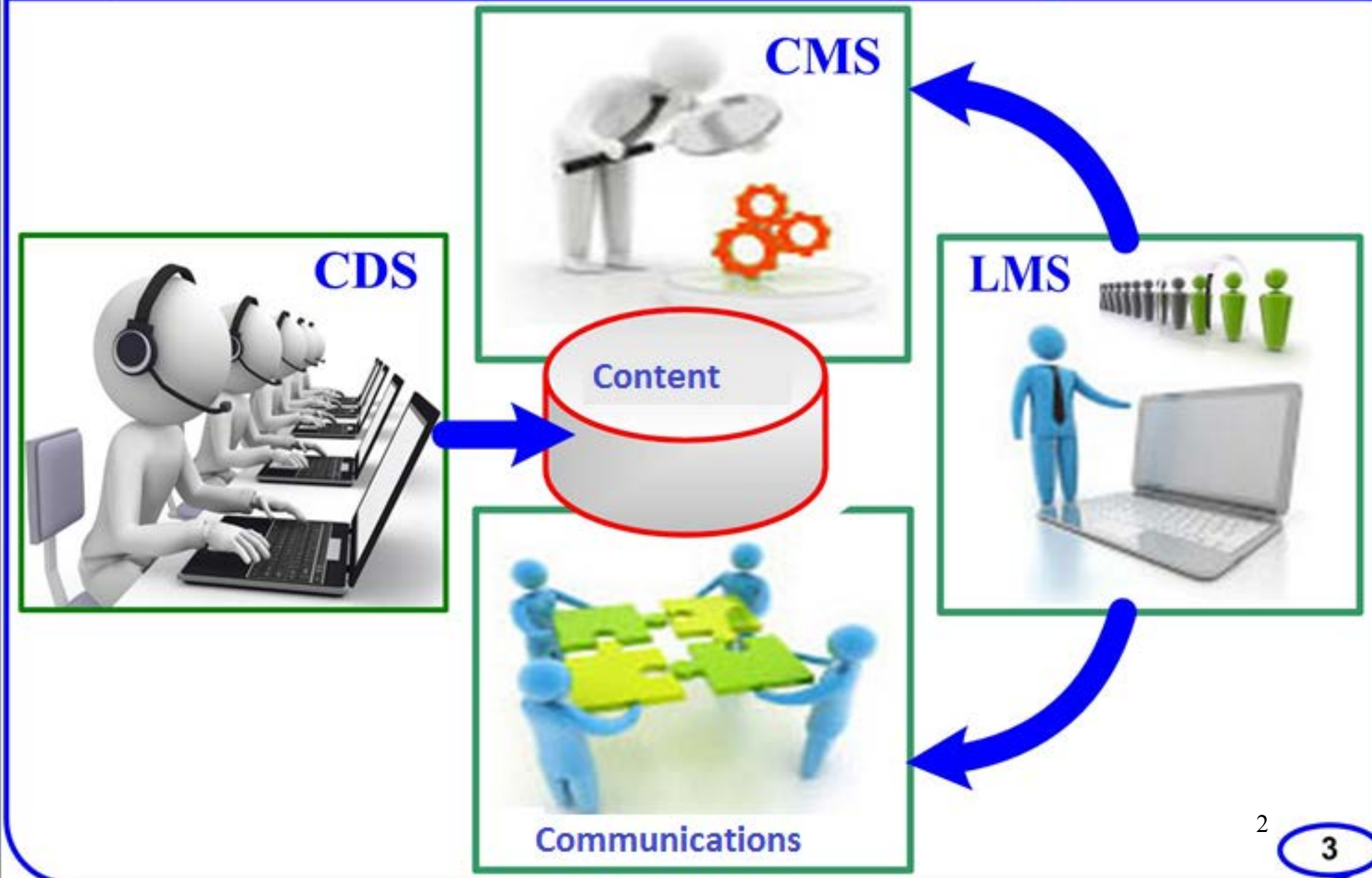
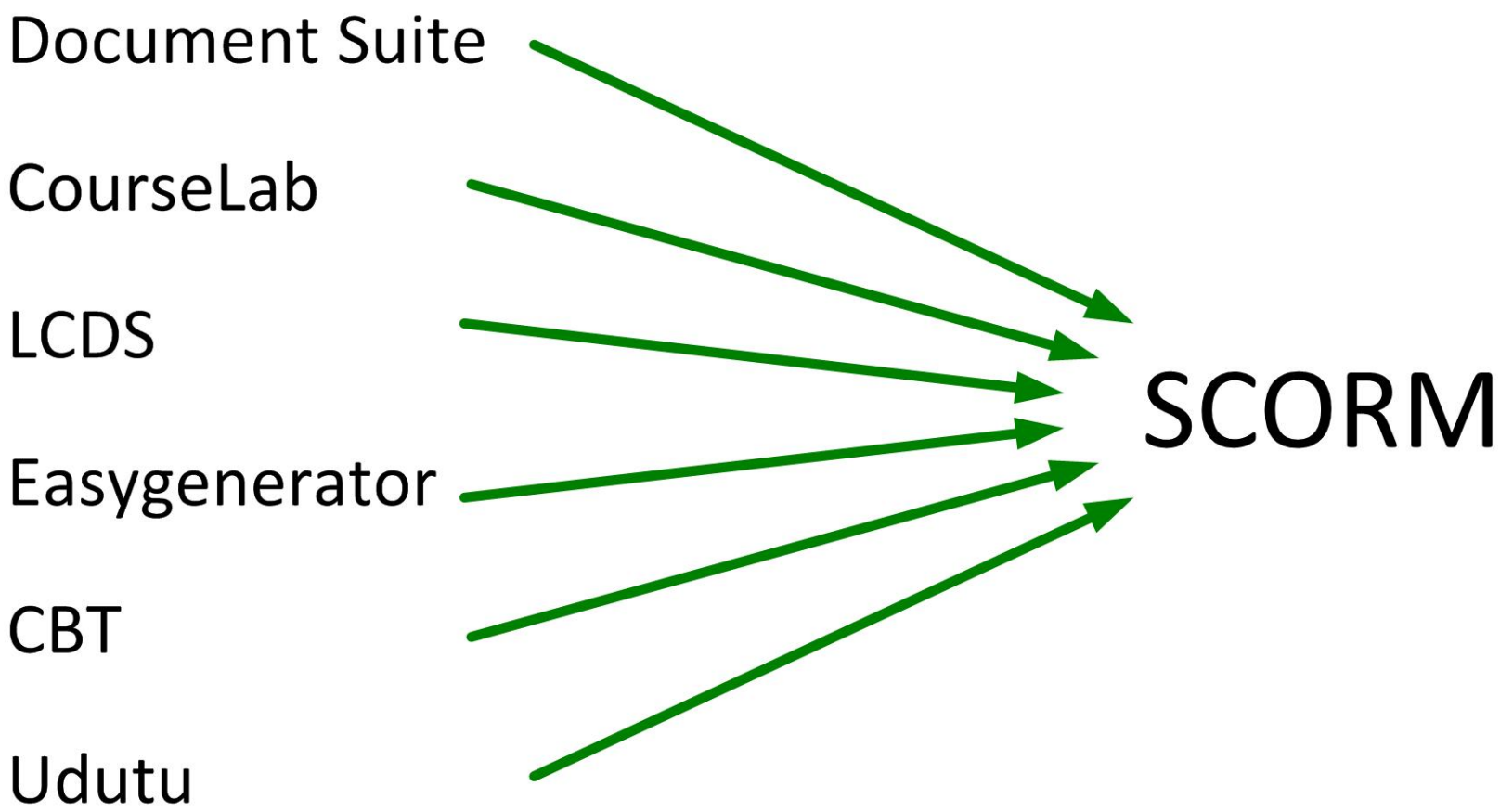
# Functional model of distance learning



# CDS – Content Development System



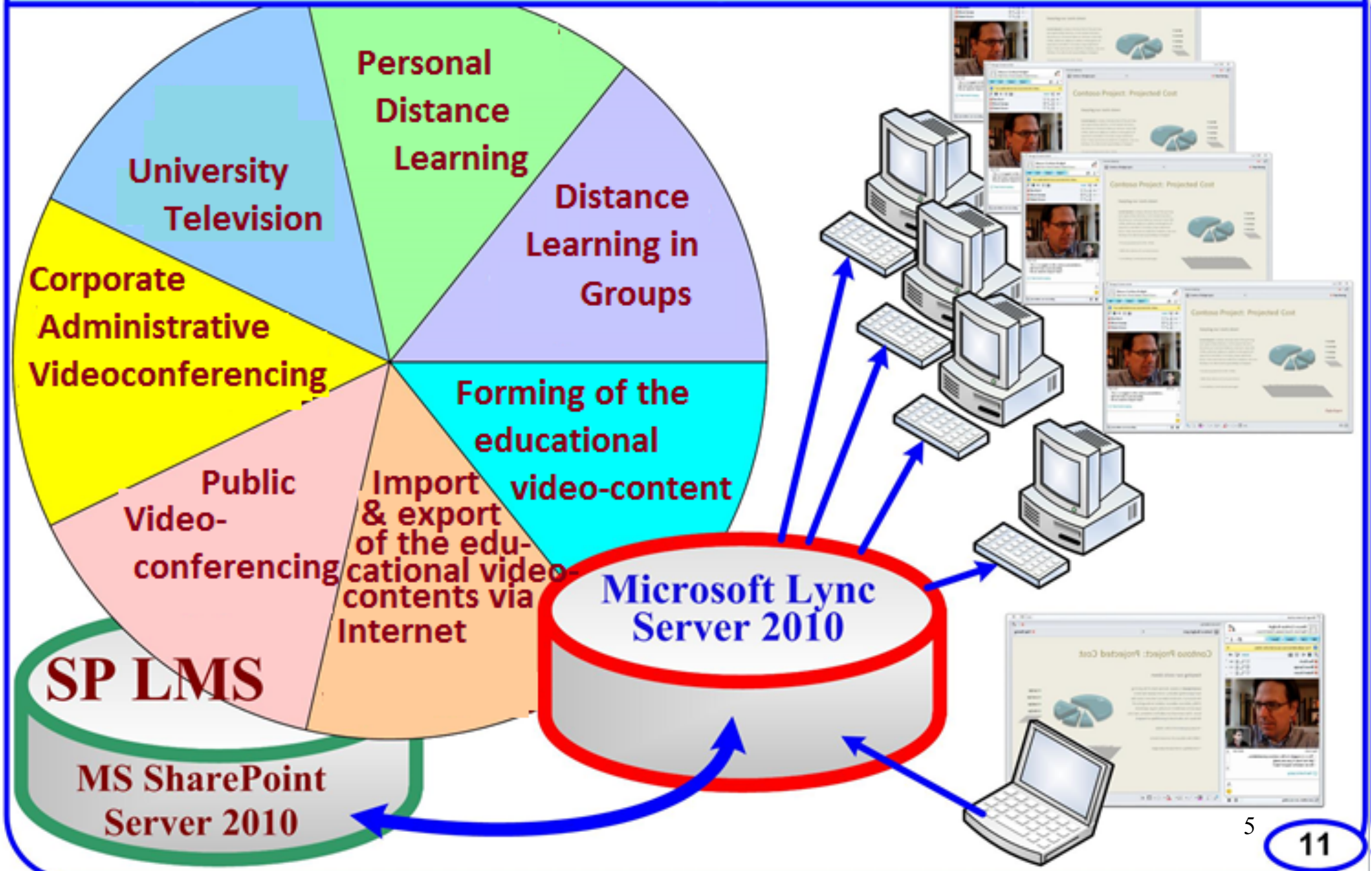
# CMS - Content Management System

Blackboard
Moodle
Sakai

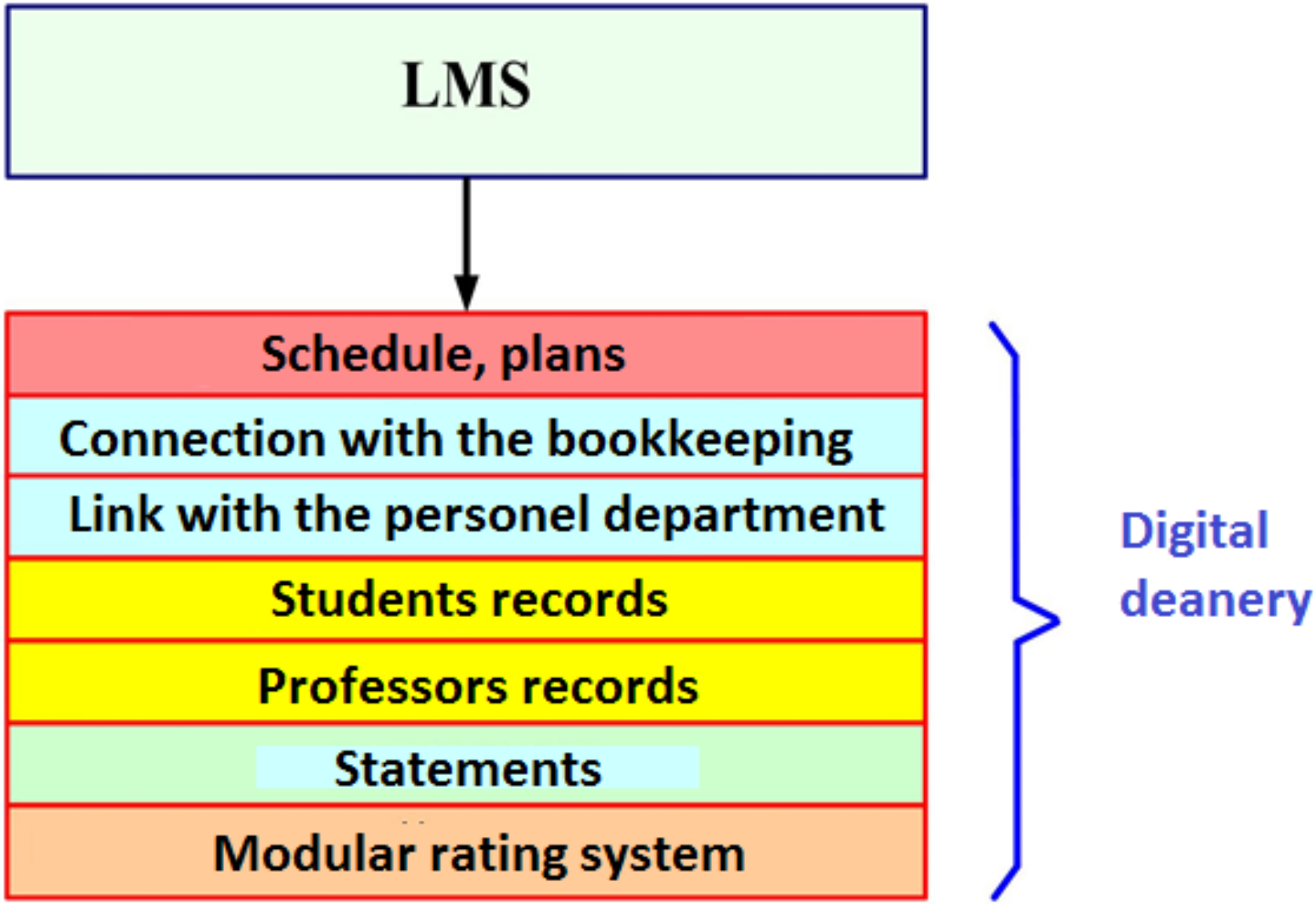
Гиперметод
Websoft
Competentum

Прометей
Module
SharePointLMS

# Communications: Microsoft Lync Server 2010



# LMS – Learning Management System



# LMS – Learning Management System

## BSUIR/BelItSoft: Digital Deanery (DD)

**Functional roles:**

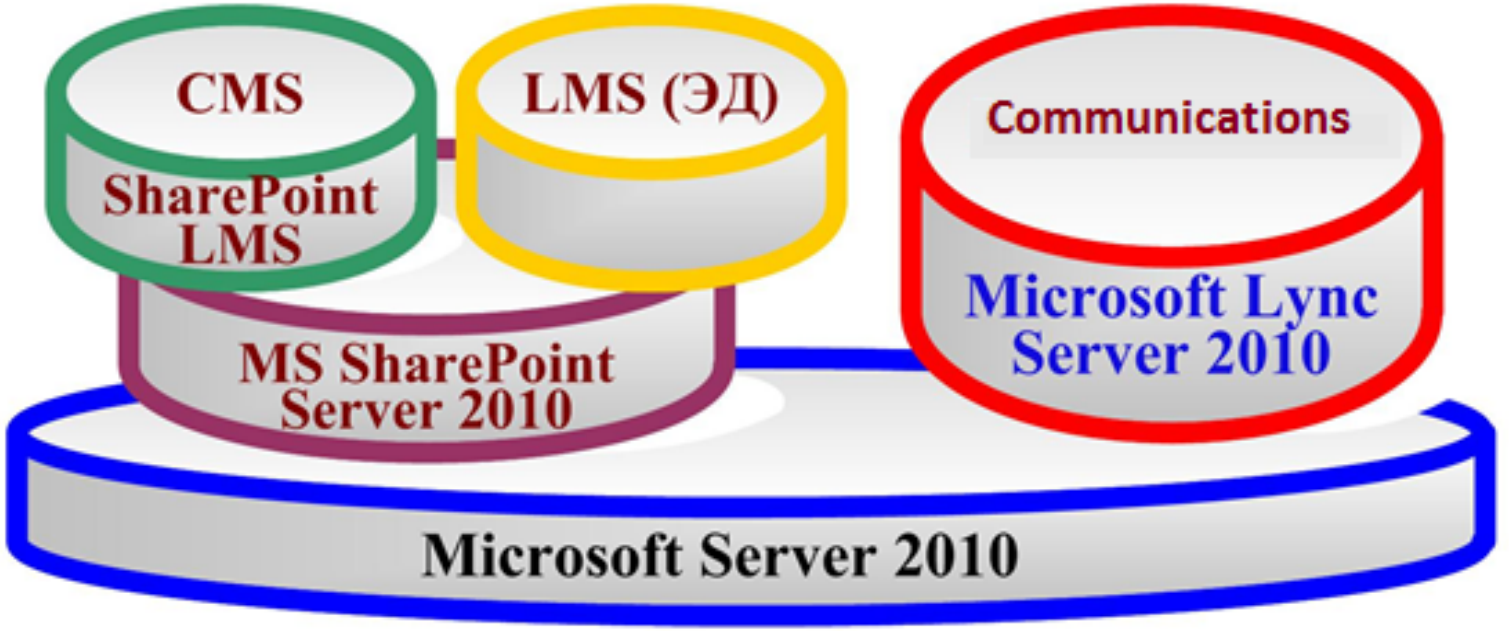
**-- dean, vice-dean;**

**-- methodologist;**

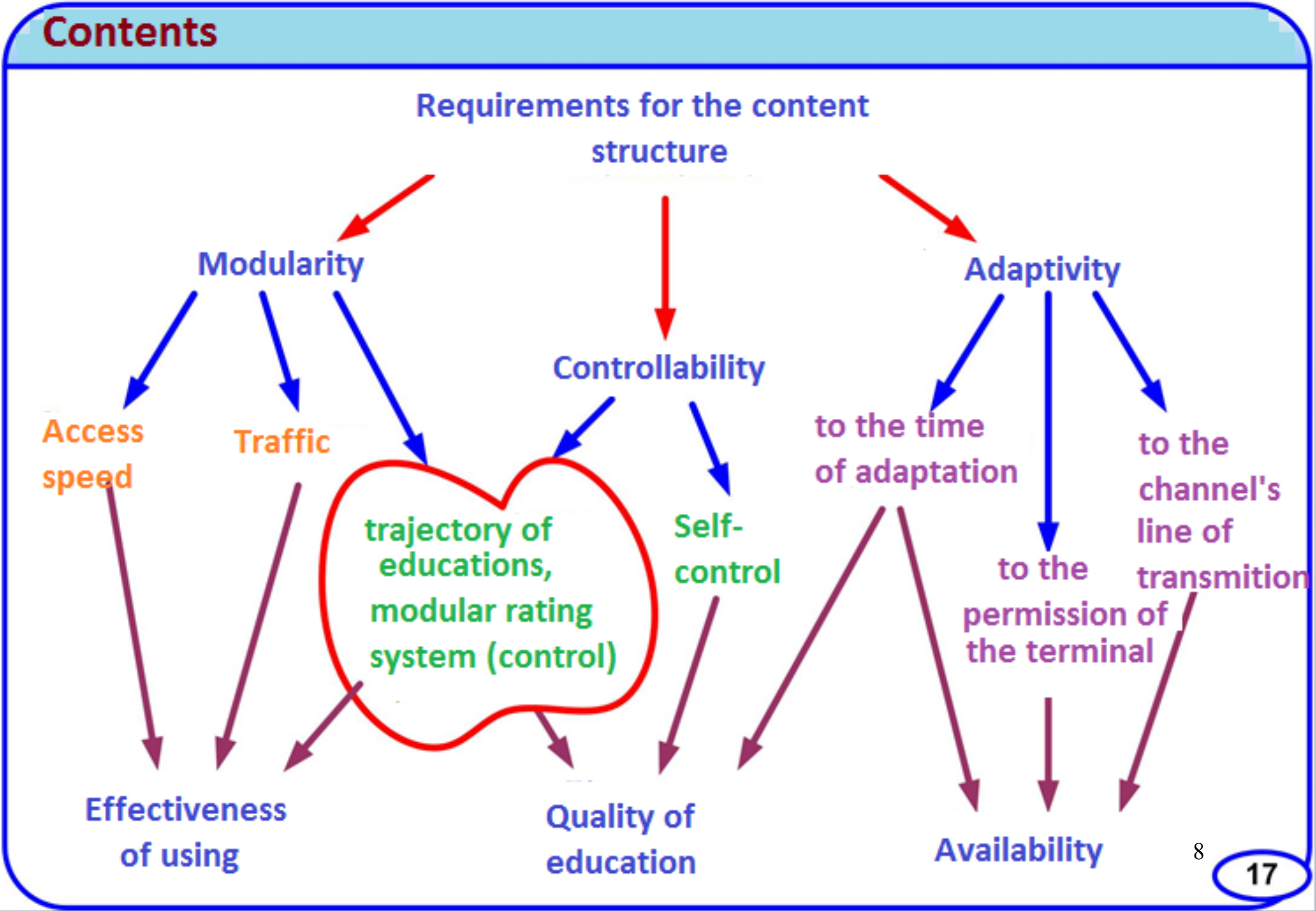
**-- engineer (distance learning system administrator; content forming specialist);**

**-- tutor;**

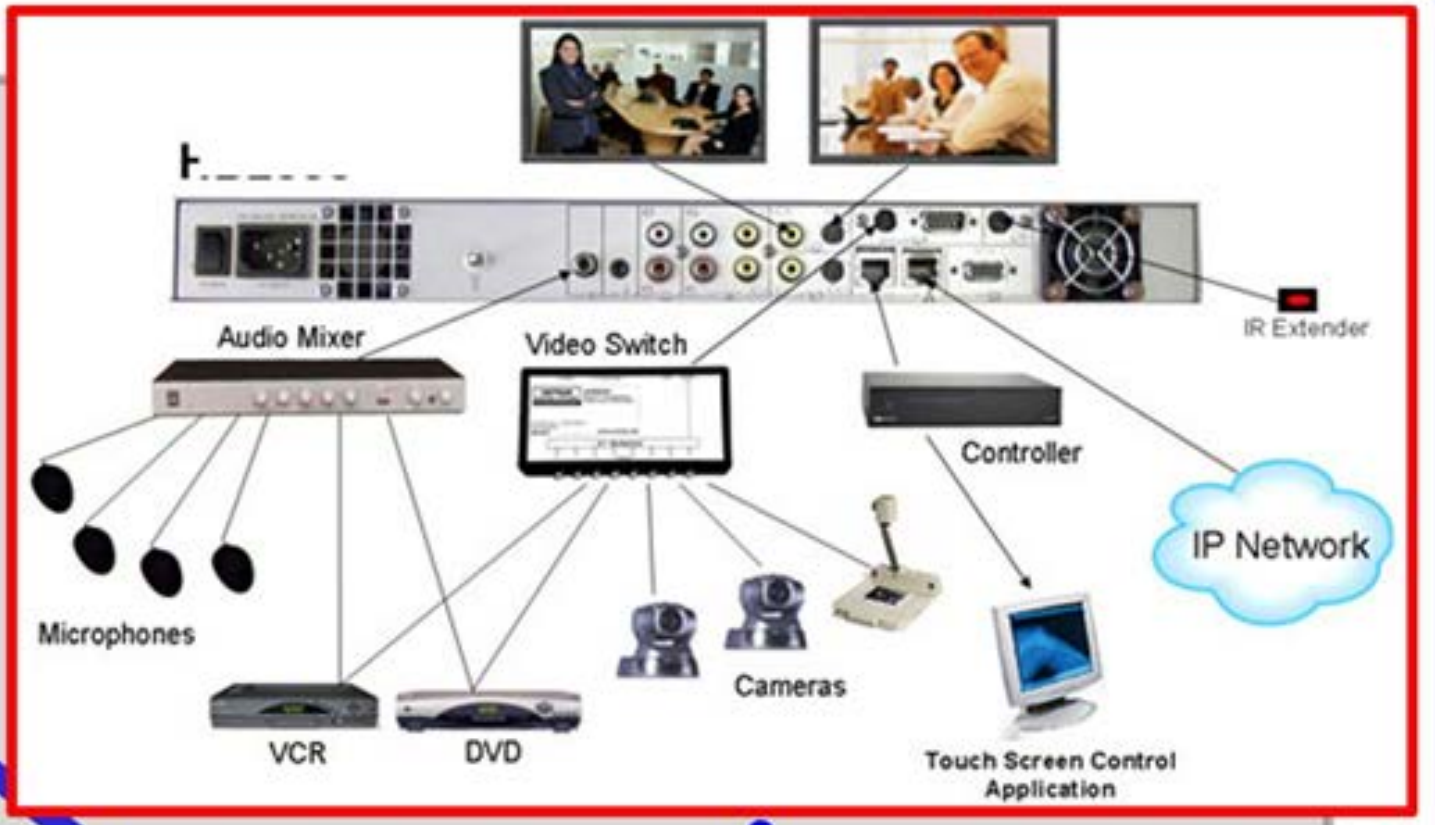
**-- student;**

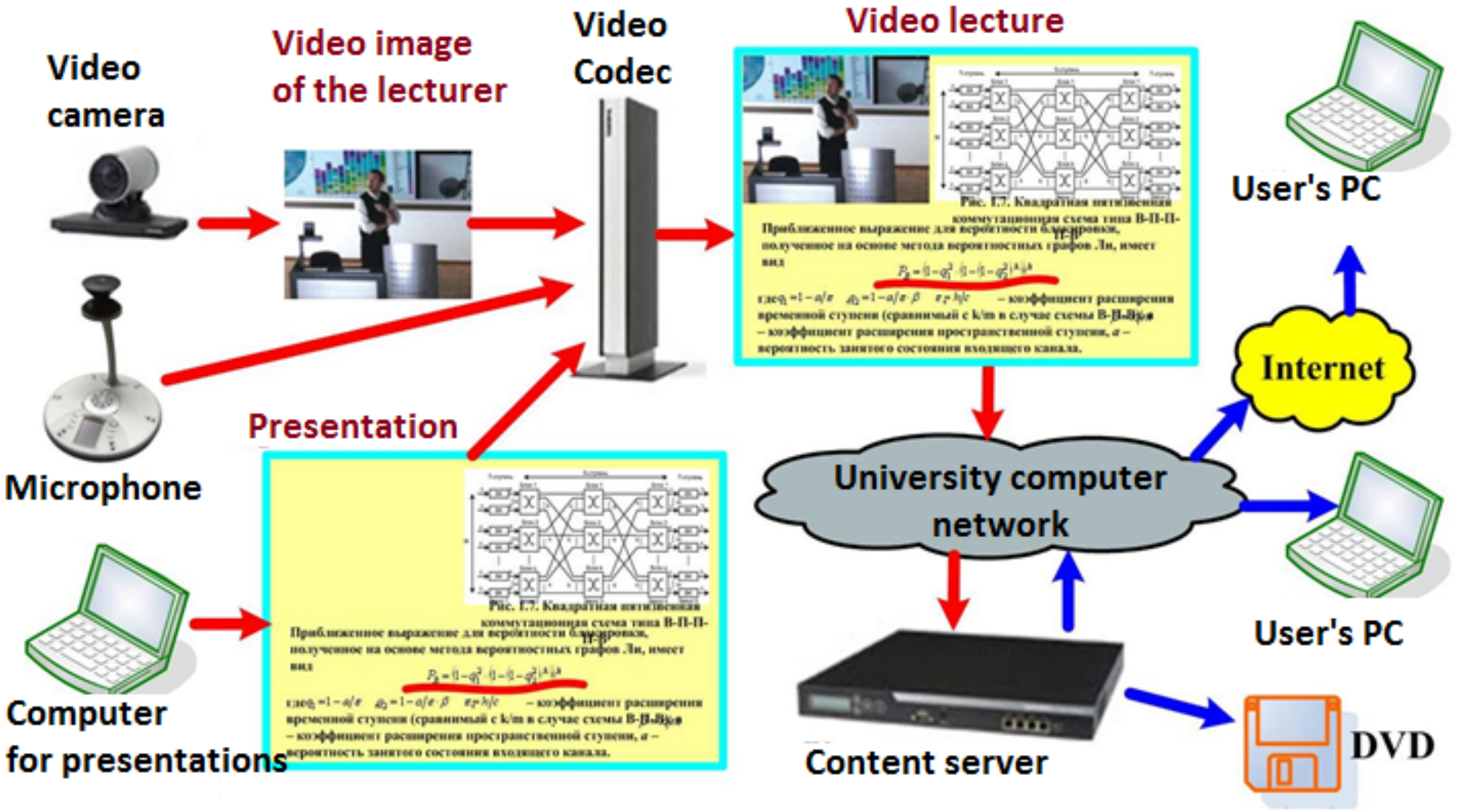


# Contents


Requirements for the content structure
Modularity
Controllability
Adaptivity
Access speed
Traffic
trajectory of educations, modular rating system (control)
Self-control
to the time of adaptation
to the permission of the terminal
to the channel's line of transmition
Effectiveness of using
Quality of education
Availability

# Contents: creation tools



Video content

# Contents: Multimedia content creation