



Practical experiences with eGranary

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Introduction

- ❖ The eGranary Digital Library -- "The Internet in a Box" -
 - is an off-line information store that provides instant access to over 35 million digital resources for those lacking adequate Internet connections.
- ❖ A single eGranary, connected to a wired or wireless local area network (LAN), can serve thousands of patrons.

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- ❖ The eGranary Digital Library was founded
 - in 2001 and is developed by WiderNet@UNC, a service project based in the School of Information and Library Science at the University of North Carolina, Chapel Hill.
- ❖ It is distributed by WiderNet, an affiliated nonprofit based in Durham, North Carolina that focuses on field implementations and training.

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- ❖ The aims to expand its use to thousands of schools, hospitals and universities in underserved areas around the globe as well as engage librarians and educators to develop custom collections for their communities.
- ❖ It's fast and affordable

Solution: Content

❖ Local, on-site library

- 1,200+ complete Web sites
- 800+ partial Web sites
- 250+ academic and medical journals
- 50,000+ books
- 55+ educational software programs
- 80+ computer software applications

❖ Indexed and searchable

❖ 4TB of information

Information stored inside

- Basic to advanced mathematics
- Civil, mechanical, electrical and environmental engineering
- Medical, nursing and public health resources
- Language dictionaries and tutorials
- Computer science
- Atlases, almanacs and other reference materials of all kinds
- Education and teaching
- History, sociology, psychology, economics, religion and other social sciences
- Agriculture, horticulture and zoology
- Biology, chemistry, geology and physics
- Literature, art and music

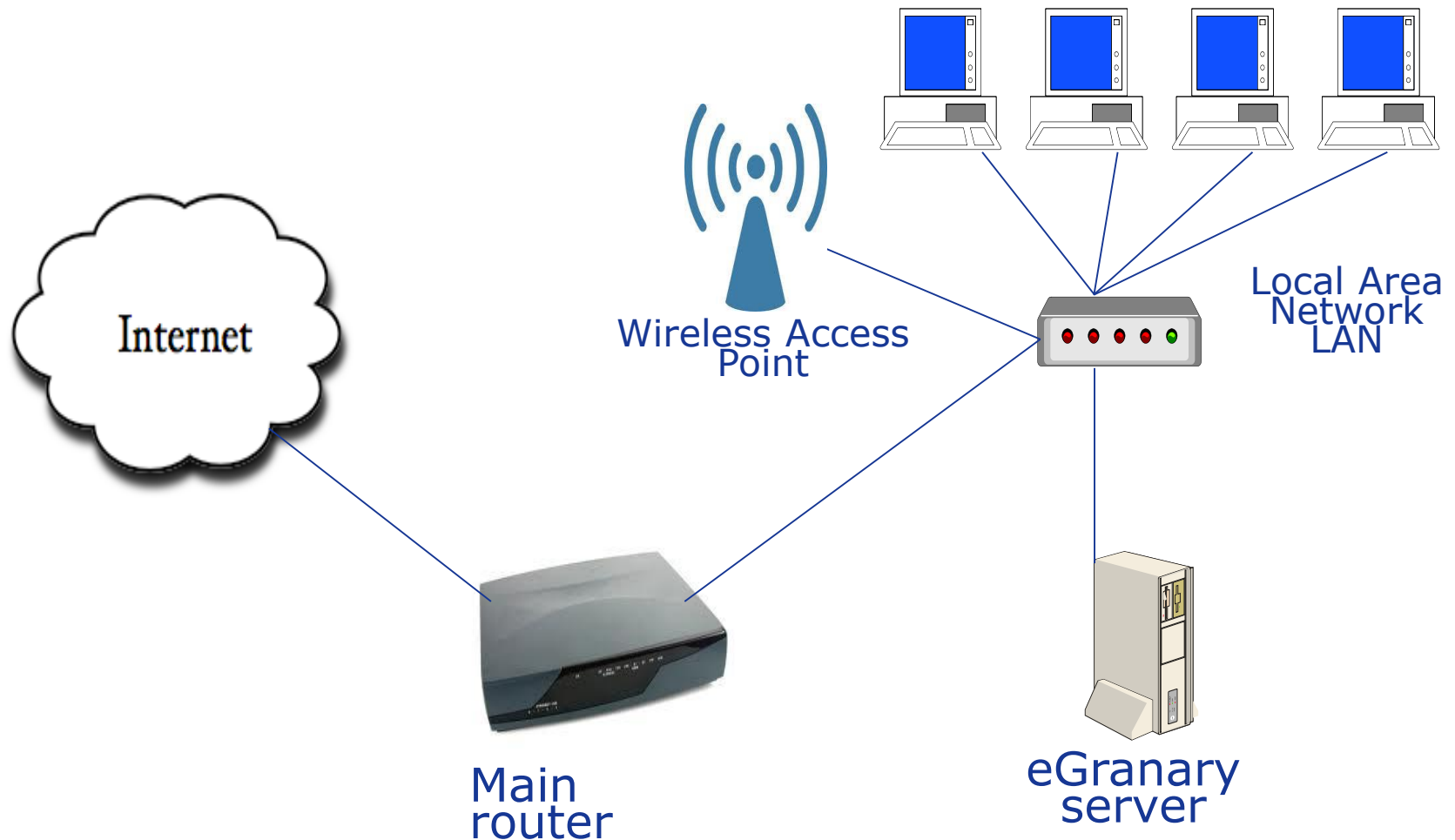
Need

- ❖ Increased number of students (from 2500 to 4000 in the last five years)
- ❖ Small and outdated library collection
- ❖ Limited availability of textbooks (average ratio of 1:15)
- ❖ Limited library space
- ❖ Change in the curriculum (student-oriented teaching/learning process)

Requirements

- ❖ Upgrade Internet bandwidth
- ❖ Network campus buildings, including libraries, offices, classrooms, and student dormitories
- ❖ Expand access to computing facilities
- ❖ Improved availability of locally produced materials (textbooks, teaching materials, lecture notes, student and faculty research outputs, etc...)

Solution: How does the system work?



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- ❖ Populate eGranary with more local content, including but not limited to textbooks written by local faculty, video captures of lectures, health related manuals and guidelines, etc...
- ❖ Explore the possibility of accessing eGranary using tablets.
- ❖ integrating LMS with the Digital Library.

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