21ˢᵗ Century Modern Education

ONSITE and ONLINE

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In Collaboration with

i-Grandee Software Technologies Pvt. Ltd.

Empowering Billions

Educating 3 Billion more

Benefit to Humanity

- Engage millions of Brilliant Minds
- Expand Creativity and Innovation
- Enable Phenomenal Discoveries
- Enrich the Global Economy
- Embrace Diversity & Mutual Respect
- Ensure the Welfare of all Humanity

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Objective: Happy, Peaceful and Prosperous Societies

Digital Education

ONSITE and ONLINE

To play a meaningful role:

- ✓ World Class, Quality Education fit for 21st Century
- ✓ Affordable, Accessible and Relevant to the needs
- ✓ Cloud-based education on many mobile devices
- ✓ Rural Focus for villages ➔ 500 million youth
- ✓ Online Courses with Independent / Joint Certification
- ✓ Structured Skills Development for identified sectors
- ✓ Provide education & employable skills to poor students

REAMEDI – 1T:1S Tab Learning

Cloud based e-Learning using Tablets

IG-IIT

I-Grandee Institute of Information Technology and Engineering

Division of i-Grandee Software Technologies Pvt. Ltd.
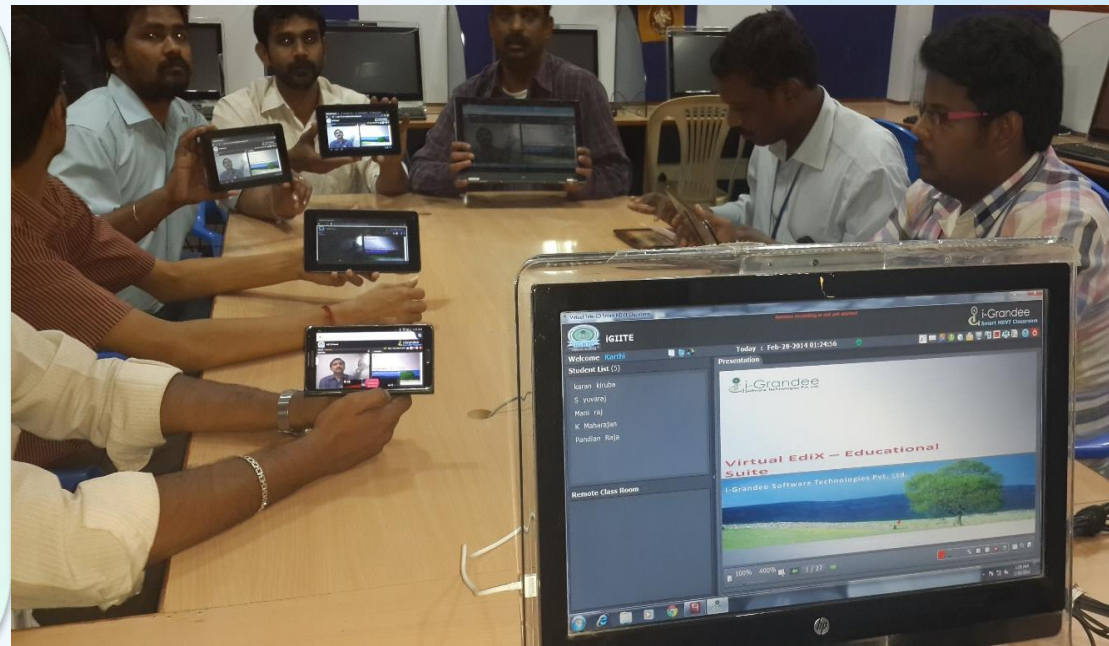
Madurai, TN, India

Interactive 1 T:1S Learning
'One Teacher – One Student'

'Reamedi' Cloud Classroom

Teachers' Feedback

- ✓ Interactive Teaching
- ✓ Motivated Learning
- ✓ Resolves Teacher shortage
- ✓ Less Student Absenteeism
- ✓ More Attention in class
- ✓ Individual LMS learning
- ✓ Better Academic Grades

Students using Mobile Tablets to learn

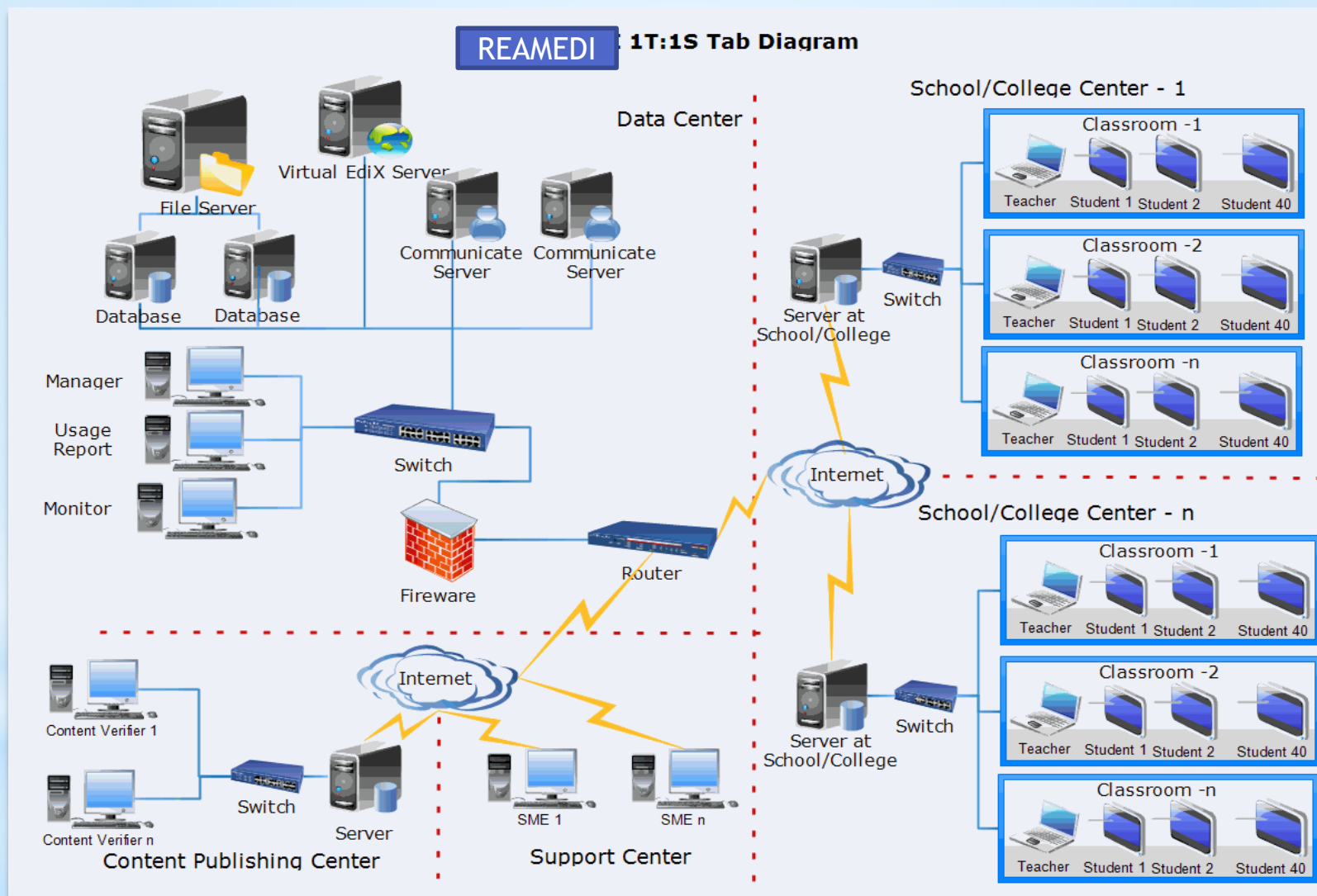Resources International, Inc., Lexington, KY, USA   http://www.riinc.net

REAMEDI HDVT e-Learning

BENEFITS of REAMEDI

➢ Flexible Schedules
➢ Lower Operational Costs
➢ Effective Resource Utilization
➢ Updated with current technology
➢ Quality Education enabling learning
➢ Multiple Educational Options for students
➢ Eco-friendly, paper-less educational process

REAMEDI CLOUD ARCHITECTURE

REAMEDI 1T:1S Tab Diagram

Data Center

File Server

Virtual EdiX Server

Database Database

Communicate Server Communicate Server

Manager

Usage Report

Monitor

Switch

Fireware

Router

Internet

Internet

Content Verifier 1

Content Verifier n

Switch

Server

Content Publishing Center

SME 1 SME n

Support Center

Server at School/College

Switch

School/College Center - 1

Classroom -1
Teacher Student 1 Student 2 Student 40

Classroom -2
Teacher Student 1 Student 2 Student 40

Classroom -n
Teacher Student 1 Student 2 Student 40

School/College Center - n

Classroom -1
Teacher Student 1 Student 2 Student 40

Classroom -2
Teacher Student 1 Student 2 Student 40

Server at School/College

Switch

Classroom -n
Teacher Student 1 Student 2 Student 40

REAMEDI HDVT e-Learning

Advantages of 'REAMEDI 1T:1S'

➢ '**REA**ch **ME DI**rect' = REAMEDI
➢ 1 Teacher: 1 Student teaching ratio
➢ Enhanced attention & better focus
➢ Eliminates paper notes & printed books
➢ Each student learns at one's own pace
➢ 1-to-1, 1-to-Many, Many-to-Many collaboration
➢ Individual monitoring and prompting as needed
➢ Parental Intimation and Alert – optional

Virtual Knowledge Call Centre

24 / 7 Knowledge Call Center – to set up when adequate demand exists

REAMEDI HDVT e-Learning

REAMEDI Architecture:
- ❖ HDVT / Internet based
- ❖ On Demand Learning
- ❖ Cost effective technology
- ❖ Market need based courses
- ❖ Central Studio + Remote Classrooms
- ❖ Franchised network in multiple locations
- ❖ Interactive, Virtual Collaborative learning
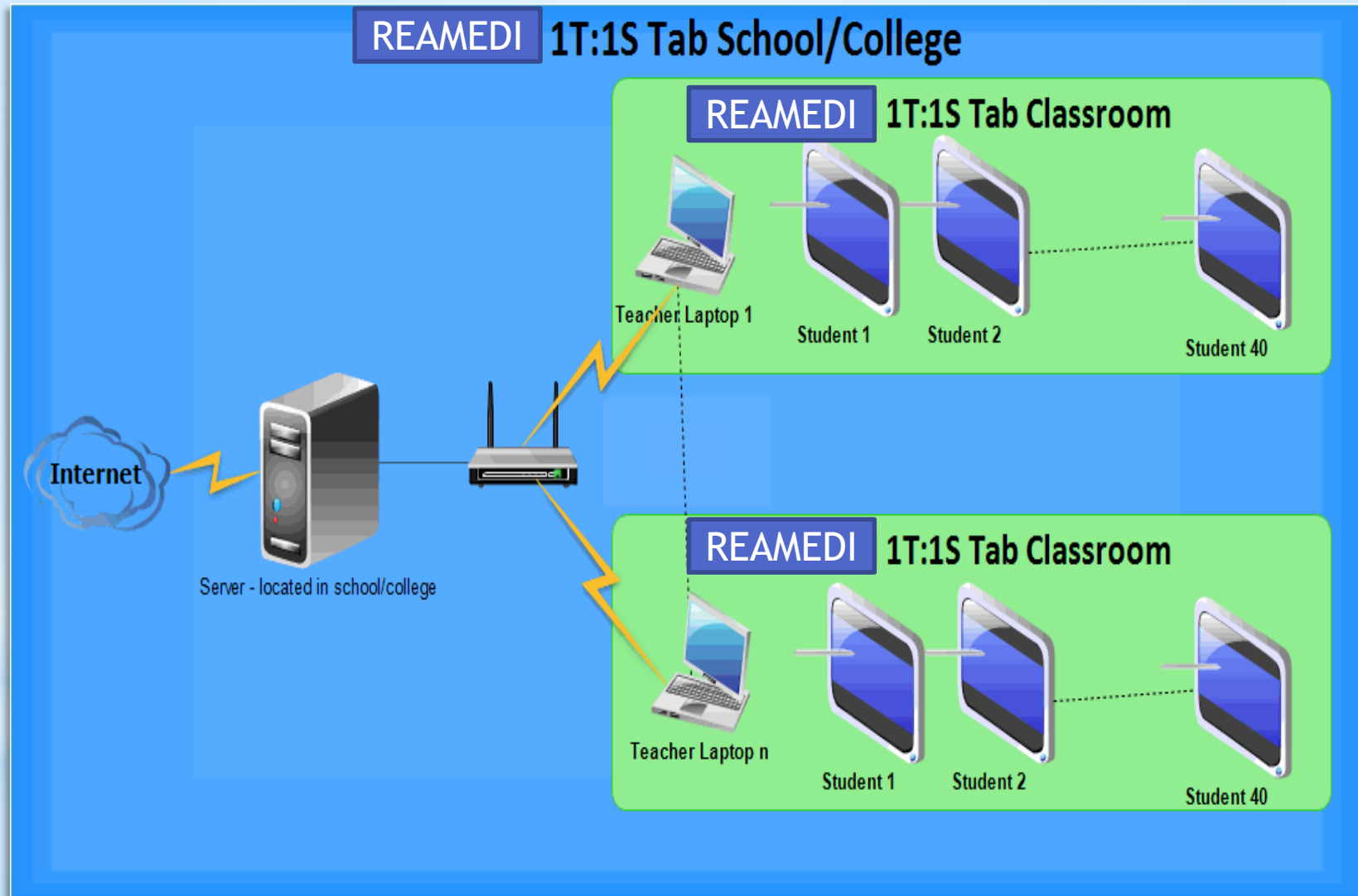
Main Studio – Distance Education

Reamedi Digital Broadcast Studio

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State of the Art REAMEDI 1T:1S Tab

- Virtual Prototyping
- 3D Engineering models
- Computational Fluid Dynamics
- Seamless, Synchronous Delivery
- Live Video, Audio in HD virtual mode
- Real time Collaboration among students
- Whiteboard, Chat, Q & A, Message, Quiz, online survey

REAMEDI CLASSROOM ARCHITECTURE

REAMEDI 1T:1S Tab School/College

REAMEDI 1T:1S Tab Classroom

Teacher Laptop 1

Student 1 Student 2 Student 40

REAMEDI 1T:1S Tab Classroom

Teacher Laptop n

Student 1 Student 2 Student 40

Internet

Server - located in school/college

Components - REAMEDI 1T:1S Tab

(i)   Virtual EdiX Server: 1 per location
      Educational Software and Content Repository

(ii) 1 Laptop for the REAMEDI Trained Teacher

(iii) 10" Tablet / student – 40 tablets / class
       Each tablets is loaded with software & contents

(iv) Local Wi-Fi to connect Tabs with the Server

Rotarians in Madurai
Evaluating REAMEDI Classroom demo

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Online + Onsite
Skills Development

* Online + onsite relevant skills development programs
* Focus on Job creation & sustained employment
* Interactive, 3-D multi-media course contents
* Training in over 15 major industry and service sectors
* Mentoring / Guidance by Industry / Business leaders
* Encourage entrepreneurism & business incubation
* Emphasize Core competency and local resource base
* Enhance Creativity, Innovation and Emerging technologies

Common End-Users

- ✓ **Universities and affiliated Colleges**
- ✓ **Engineering / Professional Colleges**
- ✓ **Arts & Science Colleges**
- ✓ **Polytechnics & Vocational Training Centers**
- ✓ **Industrial Training Institutes (ITIs)**
- ✓ **Teacher / Staff Training Institutes**
- ✓ **Distance Education Programs**
- ✓ **Industry / Manufacturing / Training – Simulation programs**
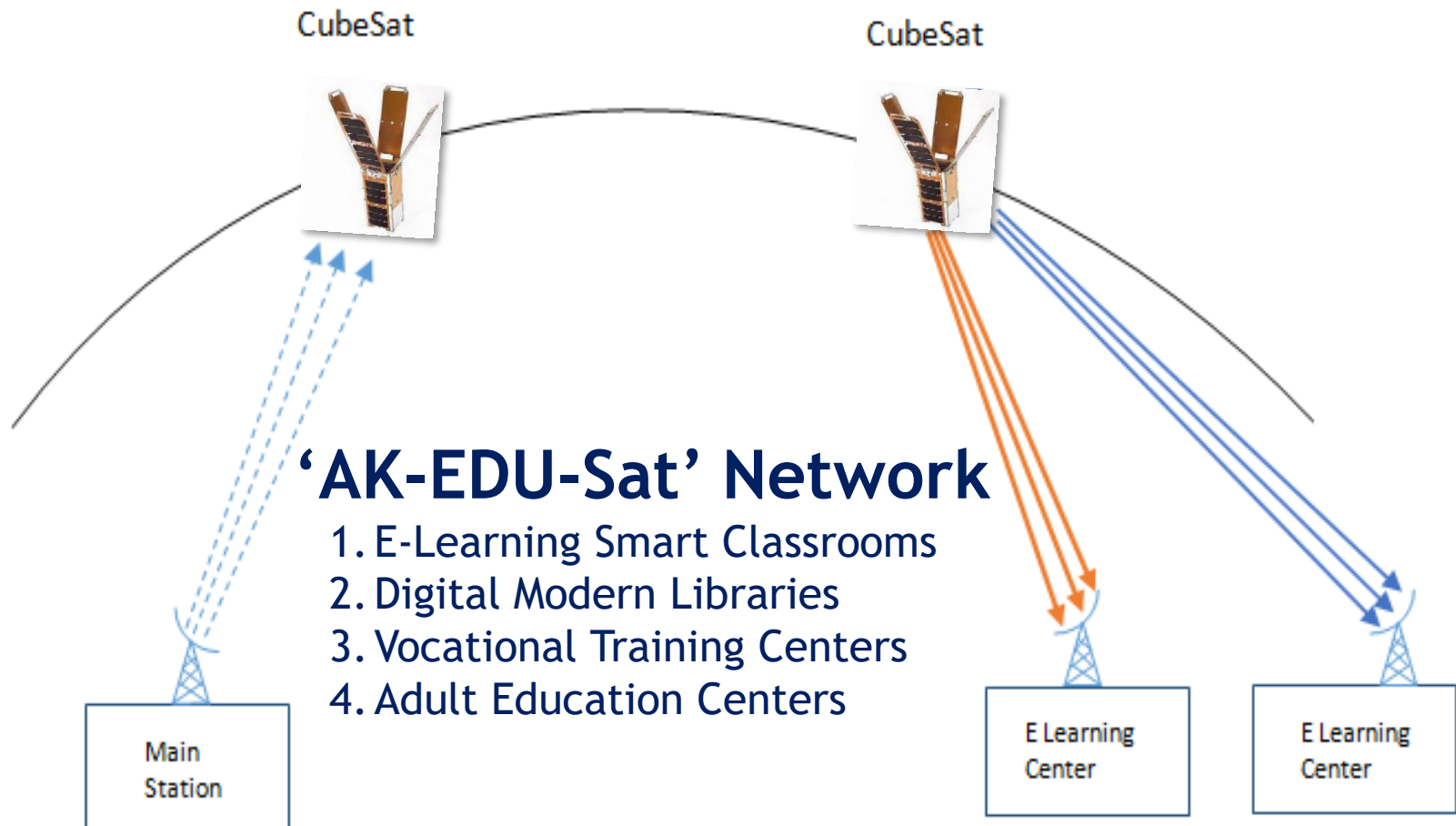
In-Campus training delivered using Virtual Tele-ed platform.

Online & Onsite
Industry Collaboration

- ➢ **Industry specific Online Staff Education Courses**

- ➢ **Focused onsite collaboration – internship / training**

- ➢ **Sponsorship and Scholarships for poor students**

- ➢ **Executive Empowerment courses & certifications**

- ➢ **Executive Mentorship programs for eligible youth**

Future: CubeSat Network

CubeSat

CubeSat

'AK-EDU-Sat' Network

1. E-Learning Smart Classrooms
2. Digital Modern Libraries
3. Vocational Training Centers
4. Adult Education Centers

Main Station

E Learning Center

E Learning Center

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