

TELECOMMUNICATIONS INDUSTRY ASSOCIATION

Srinivasa Kumaran

*having achieved a passing score on the CTP accredited exam
and having completed all other prescribed requirements,
has achieved the status of*

TIA Convergence Technologies Professional

*This CTP certificate validates core competency in data networking, telephony networking and
convergence technologies, and entitles the certificate holder to all the rights, privileges and duties
appertaining to that certification on this day,*

November 3, 2006.

CTP # 292428



Matthew J. Flanigan,
TIA President



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

GTS101

Introduction to Telephony

Larry Smith
INSTRUCTOR

William M. Mayhew
VICE PRESIDENT, EDUCATIONAL SERVICES

August 10, 2000

DATE



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

GTS103

**Introduction to Wireless
Communications**

VICE PRESIDENT, EDUCATIONAL SERVICES

William M. Mayhew

INSTRUCTOR

August 24, 2000

DATE



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

GTS301

Frame Relay Technology

INSTRUCTOR

William M. Maghreb

VICE PRESIDENT, EDUCATIONAL SERVICES

September 21, 2000

DATE



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

GTS304

xDSL Technologies

VICE PRESIDENT, EDUCATIONAL SERVICES

William M. Mayhew

INSTRUCTOR

Long Smith

July 27, 2000

DATE



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

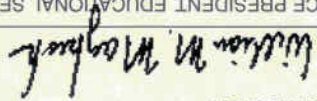
GTS302

ATM Technology

INSTRUCTOR



VICE PRESIDENT, EDUCATIONAL SERVICES



July 7, 2000

DATE



SIEMENS

This is to Certify That

Srinivasa Kumaran

Has Completed the Course

GTS303

Signaling System Number 7 (SS7)

Thomas H. Schurmeier
INSTRUCTOR

William M. Magbuek
VICE PRESIDENT, EDUCATIONAL SERVICES

October 19, 2000

DATE



Project Management Institute



This is to certify that

Srinivasa Kumaran

is a member of

the Project Management Institute,

a nonprofit organization

dedicated to advancing

the methods of project management.



[Signature]
Chief Executive Officer

757958

Membership ID

Apr 2006

Date

Making project management indispensable for business results.™

Since 1947

Stephen A. Bourne

Since July 2000

Association for Computing Machinery

been admitted as a member of the

Professional Membership has

having fulfilled the requirements for

SRINIVASA KUMARAN

This is to certify that

THE FIRST SOCIETY IN COMPUTING





Convergence Technologies Professional

Congratulations on successfully completing all the requirements for your TIA **Convergence Technologies Professional (CTP)** certification. The enclosed CTP certificate validates that you have the core knowledge and skills required by manufacturers, service providers and channel partners to implement convergence technology solutions. By passing the CTP exam, you have proven your skills in:

- ☐ Industry standards and protocols
- ☐ Infrastructure
- ☐ Internet Protocol (IP)
- ☐ Telephony concepts and fundamentals
- ☐ Voice over IP (VoIP)
- ☐ Topology convergence
- ☐ Troubleshooting

You are now authorized to use the designation of "Convergence Technologies Professional (CTP)" on your business cards and resume. Participating in the CTP certification program will benefit your career development and the success of your company in the telecommunications marketplace. To download and use the **CTP logo**, visit <http://www.ctpcertified.com/downloads/logo.asp> and use the following password: **ctpcards**

Again, congratulations on earning your CTP certificate.

Sincerely,

A handwritten signature in black ink, appearing to read "Monique A. Milligan".

Monique Milligan
Director, Project Management & Marketing
exam@ctpcertified.com