

# Cloud Technology and Solutions

21 - 25 September 2015  
Port Louis, Mauritius



COMMONWEALTH  
TELECOMMUNICATIONS  
ORGANISATION

## Overview

This five-day training programme will provide an in-depth knowledge on:

- Core Competencies - data center, data security and privacy, and service layer provisioning
- Cloud competencies - software as a service, platform as a service, and infrastructure as a service
- User offerings - application integration layer, portal ,anagement, and reporting and analytics

For more information  
about this course, or to  
register, contact us on:  
**Tel:** +44 (0) 208 600 3800  
**Fax:** +44 (0) 208 600 3819  
**Email:** [h.muchando@cto.int](mailto:h.muchando@cto.int)

## OBJECTIVES

The successful participant will be able to:

- explain the evolution of Cloud technology and solutions technologies
- understand the linkages between Cloud technology and solutions communication technologies and markets
- demonstrate a clear knowledge of Cloud technology and solutions networks
- advise on services to be delivered over Cloud technology and solutions networks
- analyse the markets for Cloud technology and solutions networks.

## TARGET AUDIENCE

Engineers, information system officers and other professionals considering adopting or providing cloud services.

## COURSE OUTLINE

The course content will cover the following topics:

- Introduction to cloud computing
- Cloud competencies and user offerings
- Cloud architectures
- Virtualisation and cloud security
- Cloud computing standards and practices
- The mobile cloud
- Cloud provisioning services
- Cloud data storage services
- Cloud processing infrastructure
- Cloud network and perimeter security
- Presence protocols
- Shared technology vulnerabilities
- Identity management and privacy
- Abuse and nefarious use of cloud computing
- Insecure application programming interfaces
- Data loss/leakage
- Account, service and traffic hijacking
- IaaS, Paas, SaaS
- Application services
- Web hosting
- Enterprise application integration
- APIs
- Mobility
- Data migration/ETL
- BI
- Reporting

## COURSE TRAINER

### Paul Inglesby

Paul Inglesby is an MSc graduate from the University of Cape Town, Engineering Council of South Africa Professional Engineer (Pr.Eng) and has many years of technical standards specialists and senior management skills and experience working for Telkom South Africa. Since 2010, Paul has worked as an independent telecommunications/ICT professional services consultant. He actively participated and contributed at SDO/Fora meetings, primarily ETSI TIPHON/TISPAN, Fixed Mobile Convergence Alliance (FMCA) and ITU-T covering Next Generation Networks technology projects. He continues to monitor standards activities at ITU-T study groups, ETSI NFV ISG & 3GPP, Open Networking Foundation (ONF) Software-Defined Networking (SDN) architecture and open flow protocols, open daylight open API's, IETF, Broadband Forum (BBF), Metro Ethernet Forum (MEF), Telemanagement Forum (TMF), IEEE, GSMA, Wi-Fi Alliance, etc.

Paul is the executive board member of Fixed Mobile Convergence Alliance (FMCA), an alliance of some 25 fixed and mobile telecommunications operators (telcos) and actively participates at the board, plenary and technical working group levels. He worked on a number of projects for instance, the African Optical Fibre Cable (OFC), Outside Plant (OSP) and Optical Transport Network (OTN) projects. He prepared and presented the Next Generation Networks (NGN) technology and networks standards, products and services training and development courses for engineers, technicians, sales and marketing, regulatory, procurement services, data-centre cloud and network management. Paul provides independent telecoms strategic advisory professional services covering technology standards, techno-economic and financial analysis of network infrastructure projects for the telecoms industry in South Africa and the Sub-Saharan African territories.

### Who we are

The CTO is the oldest and largest Commonwealth organisation engaged in multilateral collaboration in the field of ICTs. Using in-house and partner experience, it supports members in integrating ICTs to deliver effective development interventions that emancipate, enrich, equalise and empower people within the Commonwealth and beyond.

### What we do

The work of the CTO goes back to the Organisation's creation in 1901 as the Pacific Cable Board. Since then, the CTO has been at the centre of continuous and extensive international communications development funding, cooperation and assistance programmes. Since 1985, the Organisation has delivered to its members in Europe, the Caribbean, the Americas, Africa and Asia-Pacific over 3,760 bilateral and multilateral telecommunications and ICT capacity building projects in the form of policy, operational and regulatory training, and expert assistance. Moreover, the CTO has been at the forefront of generating cutting-edge knowledge through its research and consultancy services, as well as sharing ideas through its conferences and workshops held around the world. This long history as a development facilitator provides the Organisation with a unique and growing delivery capacity for ICT4D programmes and services.

## Registration Form

### Personal Details

Mr/Mrs/Ms/Other \_\_\_\_\_ First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
 Job Title \_\_\_\_\_  
 Organisation \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Postcode \_\_\_\_\_ Country \_\_\_\_\_  
 Tel. \_\_\_\_\_ Mobile \_\_\_\_\_ Fax \_\_\_\_\_  
 E-mail \_\_\_\_\_  
 Authorising Line Manager's Name \_\_\_\_\_  
 Authorising Line Manager's E-mail \_\_\_\_\_

Event ID: 8092 11 September 2015

### REGISTRATION DEADLINE

### 3 SIMPLE WAYS TO REGISTER!

Fill in and fax this form back at  
+44 20 8600 3819

Call the programme team at  
+44 20 8600 3800

E-mail the programme team at  
programmes@cto.int, quoting the course  
"Event ID" above.

### NEED HELP?

Call us now on +44 20 8600 3800  
or e-mail the Programmes team at  
programmes@cto.int

### Payment Options

1. Select Delegate Rate (please refer to the list of CTO members/PDT Partners provided overleaf)

	Standard Rate	Early Registration by: 07 August 2015
CTO Members	<input type="checkbox"/> £750	<input type="checkbox"/> £700
Others	<input type="checkbox"/> £1,150	<input type="checkbox"/> £1,100

2. Payment Mode (choose from either Invoice, Bank Transfer, Cheque, or Credit Card)

Invoice

Invoice me at the above address  
(Discounts do not apply, payment  
must be received by us prior to the above  
event's start date)

Bank Transfer

To: Couitts & Co., 440 Strand, London WC2R 0QS, UK  
A/c Name: CTO; A/c Number: 83675071  
Reference: GB72COUT18000208367507  
Sort Code: 18-00-02; Swift Code: COUT GB22

Cheque

Cheque enclosed,  
payable to "CTO HQ"

Credit Card: Visa / Mastercard (circle as appropriate)

Card Holder's Name \_\_\_\_\_

Card Holder's Billing Address (if different from above) \_\_\_\_\_

Card Number

Valid From       Expiry Date       3-digit security code on back of card

### Signature

Date \_\_\_\_\_ Name \_\_\_\_\_ Signature \_\_\_\_\_

### Additional Information

To help us improve our services to you and your organisation, please tell us more about you and your organisation.

#### Your role in the organisation

- Strategic/executive  
 Planning  
 Control  
 Operational

#### Your area of work in the organisation

- Business development  
 Corporate affairs  
 Customer service and care  
 Engineering and technical management  
 Financial, purchasing and investor relations  
 IT/IP management  
 Marketing and sales  
 Public relations and corporate communications  
 Regulatory and legal affairs  
 Telecoms network management  
 Human resources  
 Other

#### Your organisation type

- Government  
 Regulator  
 Operator  
 Manufacture  
 Other

#### Your organisation's service areas

- Fixed network/services  
 Mobile/wireless network/services  
 Satellite network/services  
 Internet  
 Broadcasting  
 Value-added services  
 Support  
 Other services

### Summary Terms and Conditions

The CTO will endeavour, as can be reasonably expected, to ensure that the course is delivered to meet delegates' expectations. Registration is subject to availability and payment received by the deadline where specified, or else before the course start date, whichever applies. Dates may be subject to changes. Travel, accommodation, daily transportation to venue, subsistence and other costs are the sole responsibility of the delegate and are not included in the above fees. Applicants are responsible for their visa arrangements and other formalities wherever required. Course bookings may be cancelled at the discretion of the CTO or its partners. Applicants paying by bank transfer are responsible for bank charges and any other such costs and should ensure the exact amount in GBP Sterling is credited in the CTO bank account. Applicants requiring additional information prior to their booking should ensure they provide sufficient time before the booking deadline. Cancellation rules apply, as summarised below. For a full version of our Ethical Framework or our Terms and Conditions, please visit our website at [www.cto.int](http://www.cto.int)

### Cancellations / Refunds

For delegate cancellations/withdrawals, the following refund rules apply:  
 - 31 days or more prior to event: the full amount less a handling charge of 10% or a minimum of £55, whichever applies  
 - 30 days or less prior to event: no refund  
 For CTO cancellations/withdrawals, delegates are entitled to a 100% refund within 60 days of the withdrawal/cancellation.  
 Refunds will be made by bank transfer only.

### Data Protection / Privacy

The CTO does not sell, rent or lease its customer information to third parties. We may, from time to time, contact you on behalf of a third party/partner about a particular offering that may be of interest to you. In those cases, your unique personally identifiable information (e-mail, name, address, telephone number) is not transferred to the third party/partner. In addition, we may share your information with trusted partners to help us perform statistical analyses, send you by e-mail or postal mail, provide customer support, or arrange for deliveries or other such services. All such third parties are prohibited from using your personal information except to provide these services to the CTO and they are required to maintain the confidentiality of your information. For more information about our privacy policy, visit our website at [www.cto.int](http://www.cto.int).

Fax it back to +44 20 8600 3819, or return to the CTO at [programmes@cto.int](mailto:programmes@cto.int).