

TELECOMS REGULATION DELIVERS

SGS LAYER4™ THE TELECOMS REGULATORY SOLUTION

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WHEN YOU NEED TO BE SURE

SGS

SGS

MAKE A DIFFERENCE



KEEP PACE WITH TECHNOLOGY, KEEP CONTROL OF YOUR INFRASTRUCTURE

The rapid advances in telecommunications technology make it hard to maintain control over revenues, fraud and security. For both governments and operators, unregulated telecoms can incur financial loss and pose risks to social and economic development.

Since 2009, Layer4 solutions have been deployed across the world reducing fraud, improving operator profits and raising government revenues. Accelerating demand has been driven by the increasing complexity of telecoms operations plus growing demand for communications infrastructure that will support business confidence and inward investment.

Layer 4 solutions are tried, tested and proven to deliver the financial benefit and social change sought by developing nations worldwide.

With more than 80,000 employees, operating from a network of over 1,650 offices and laboratories around the world, SGS now sets the global benchmark for quality and integrity in telecoms regulation.

SGS LAYER4: SAFEGUARDING NATIONAL INCOME AND INTEGRITY

SGS Layer4 is a complete telecoms regulatory solution enabling governance of increasingly complex telecoms services and the development of a solid regulatory framework.

With visibility over your telecoms operators, we deploy and run fully-managed, end-to-end solutions that manage quality, protect revenue and reduces fraud, all without the burden of capital investment:

- Validation of operator call volumes and revenues for taxation purposes
- Detection of fraud and illegitimate operators
- Monitoring of mobile money for illegal transactions.
- Ensuring optimal quality of service and connectivity between subscribers
- Device quality and conformity to ensure health and safety
- Billing system accuracy to prevent over-charging

By enforcing control over quality, revenues and fraud, Layer4 services create a fair and competitive telecoms landscape, removing the barriers to inward investment, cross border trade and socio-economic initiatives.

SGS BUILD OPERATE TRANSFER (BOT) DEPLOYMENT

Deployment of Layer4 Services under a BOT agreement offers:

- Finance of technical systems and associated services
- Building and operation of your solutions
- Training of your regulatory authority's staff
- Ownership of the infrastructure at the end of the contract

Subject to a thorough audit of your national telecoms services, our experts will design a regulatory system to fit your specific demands now and in the future.

Following installation of infrastructure and an operations centre, Layer4 monitors calls to detect problems, test for fraud and assess quality against quality of service agreements.

Ultimately, all operations are supported with training, capacity building, a real-time network interface and statistical reports that build valuable intelligence for future planning and policy-making