CYBER SECURITY

OUR CAPABILITIES,
YOUR SOLUTIONS

"The values and principles espoused in the Clarity Charter resonate deeply with me. I share these sentiments especially as they place ethics, independence and quality above who we are, what we do and how we impact our clients, stakeholders and society at large. By having our actions underpinned by Clarity, we can effect change in South Africa by having those honest and tough conversations."

– Bonga Mokoena, CEO

CLEAR ADVICE FROM ETHICAL, INDEPENDENT AND QUALITY-DRIVEN EXPERTS, THROUGHOUT THE COUNTRY AND AROUND THE WORLD.

Over 1900 people providing clarity in audit, tax, advisory and business outsourcing to companies across numerous industries. Nine offices in South Africa and over 91 000 people in 167 countries around the globe.

We offer industry-specific practices, world-class resources, and an unparalleled commitment to meeting our clients' needs, with 75% of our clients recommending us. We serve 45+ JSE-listed clients and over 200+ internationally listed clients, who are clear on why they chose BDO:

• Quality, independence and a high ethical standard across all services
• Unparalleled partner-involvement (10:1 staff to partner ratio, globally)
• Deep industry knowledge
• Geographic coverage across South Africa and Africa
• Cohesive global network
• Level 1 BEE contributor
• Focused capabilities across over 20 disciplines
• Culture defined by values and purpose

Being ethical and quality driven is a given for us, and to show how this is a part of our DNA, we have developed the **BDO Clarity Charter.** This is our commitment as individuals and as a firm. It underpins all we say and do, from how we live our values to how we engage with you, our clients and all our stakeholders.

Our BRAND PROMISE – exceptional client service, always and everywhere - is founded on three core delivery pillars: being responsive, providing the right resources and strong relationships.

GLOBAL STATISTICS 2022

GLOBAL HEADCOUNT
97 292+
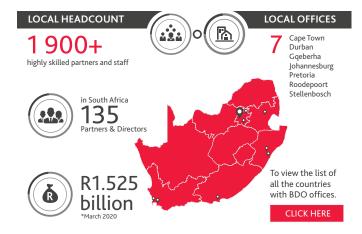highly skilled partners and staff worldwide

GLOBAL OFFICES
1 728

GLOBAL REVENUE
US$ 11.8 BILLION*
*December 2021

167
countries
& territories

LOCAL STATISTICS 2022

LOCAL HEADCOUNT
1 900+
highly skilled partners and staff

LOCAL OFFICES
7
Cape Town
Durban
Gqeberha
Johannesburg
Pretoria
Roodepoort
Stellenbosch

in South Africa
135
Partners & Directors

R1.525 billion
*March 2020

To view the list of all the countries with BDO offices.

CLICK HERE

Level 1 BEE contributor

Assist clients in assessing and protecting Information Technology (IT) and Operational Technology (OT) assets from cyber risks, manage cybersecurity risk, respond to cyber incidence, remediate, and build a cyber resilience.

OUR COMMITMENT TO CLARITY

"Being ethical, independent and quality-driven are familiar attributes of BDO.

The BDO Clarity Charter formalises the way we choose to work as it shines a light on us and our work to remind us, and all our stakeholders, that what we do and how we do it is important to us all – as individuals, as a firm and as a profession."

BDO CYBERSECURITY SERVICE LINE

BDO South Africa has a robust national and international cybersecurity presence, including the BDO Global Cyber Forum. We use cyber experts and a truly global Cyber Network by accessing and utilising the BDO Global Cyber Security Centres.

In South Africa, BDO Advisory has a team that has a wealth of collective expertise to drive the required value-added service to meet and surpass your expectations. Our team members are Certified Information System Auditors (CISA) who are members of the Information Systems Audit and Control Association (ISACA), Certified Ethical Hackers (CEH), Certified Information Systems Security Professionals (CISSP), Offensive Security Certified Professionals (OSCP) and Offensive Security Experienced Penetration Testers (OSEP).

What differentiates BDO Cyber Lab from others is our collective regulatory compliance and cybersecurity expertise, experience, innovative solutions, specialised team, and value for money services. Our global BDO cyber lab and security centre has been providing and developing advanced information security and cyber services for almost 20 years. BDO combines specialist knowledge of your industry with regulatory compliance and

audit expertise as well as security best practice to keep your business operations confidently cyber secure. Our services are designed to assist our clients so that we understand their risks, build a resilient defense and maintain a positive reputation.

OUR CYBERSECURITY TEAM

At BDO in South Africa, our Cybersecurity team is led by experienced Directors and Managers with a combined experience in IT Audit, Cyber security, System Integration, Digital Forensics, Risk Management, Compliance Management, and Management Consulting.
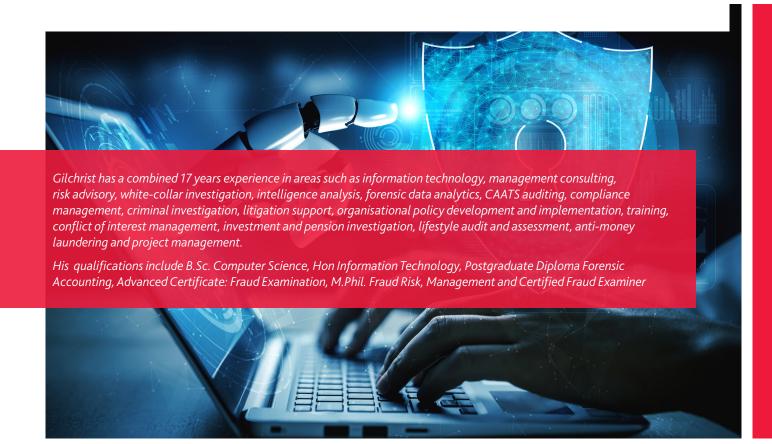
We manage multiple projects across a variety of clients and we provide a meaningful and customised service to each of our clients. Gilchrist, Shannon and Thabiso form part of the core team in Cybersecurity and are a formidable project management group in our engagements, delivering over 50 years of combined experience.

This translates into a clear project management focus to ensure that we deliver a quality service, on time and within budget, as far as possible.

Gilchrist Mushwana
Cyber Security
Head

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Gilchrist has a combined 17 years experience in areas such as information technology, management consulting, risk advisory, white-collar investigation, intelligence analysis, forensic data analytics, CAATS auditing, compliance management, criminal investigation, litigation support, organisational policy development and implementation, training, conflict of interest management, investment and pension investigation, lifestyle audit and assessment, anti-money laundering and project management.

His qualifications include B.Sc. Computer Science, Hon Information Technology, Postgraduate Diploma Forensic Accounting, Advanced Certificate: Fraud Examination, M.Phil. Fraud Risk, Management and Certified Fraud Examiner

Eight years before joining BDO as Director, Gilchrist founded three businesses with a combined client list of more than 30 companies in industries such as law enforcement, energy, mining, telecoms, financial services, insurance, regulatory, learning and more.

He is also an external examiner for Postgraduate and Masters courses with one of the universities in South Africa and has published work with journals such as SAJAAR and presented at fraud conferences.

Gilchrist's client experience include: State Security Services, Department of Cooperative Governance and Traditional Affairs, FIU Lesotho and Zambia, Department of Environmental Affairs, National Treasury, SASSA, Department of Home Affairs, Independent Electoral Commission, Eskom, Transnet, Denel, Cell-C, Miway, Standard Bank, Bayport Financial Services, Woolworths Financial Services, FNB, Bidvest, SASRIA, Eswatini Electricity Company, FSRA eSwatini, FSCA, eSwatini FIU, South African Police Service, South African Reserve Bank, South African Revenue Services, and Financial Intelligence Centre.

Shannon has 14 years experience in managing several audits across a wide variety of sectors such as IT Governance Framework development and implementation; IT Security (including vulnerability assessments); Operating Systems and Databases; IT infrastructure reviews including Cloud;

Data migration reviews; Project assurance; Data Privacy and Regulation; IT General Controls; Application Controls Review; Business Continuity Management; Critical Financial Reporting Controls Review; Data Analysis; Disaster Recovery Planning Review; Revenue Assurance; and Business Process Reviews. Before joining BDO, Shannon was employed at Airports Company South Africa as their IT Governance, Risk and Compliance Manager.
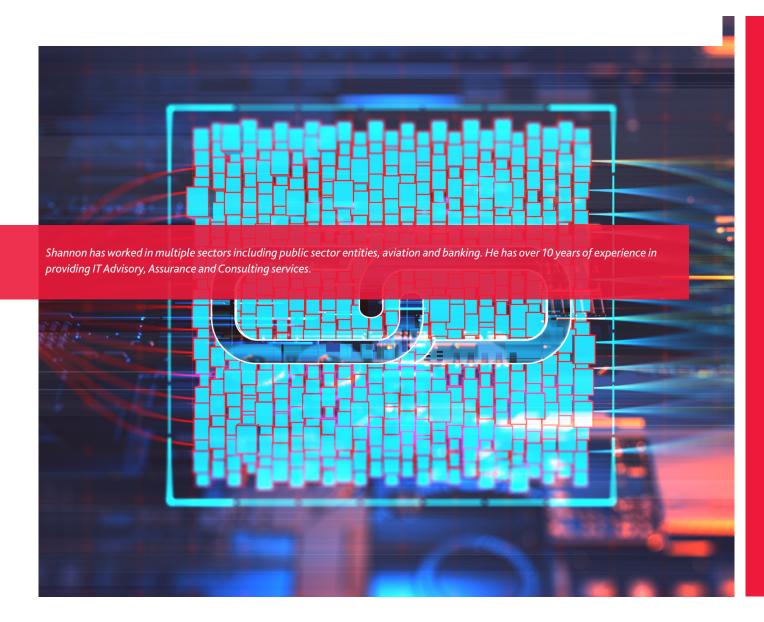
Prior experience to that was as the IT Audit Senior Manager at SekelaXabiso, ACR audit specialist at FirstRand (FNB), Senior IT Audit Consultant at SNG and IT Analyst at KPMG (Eswatini).

He is a Certified Information Systems Auditor (CISA), a member of ISACA and holds a BCom in Informatics from the University of Pretoria. He also has Cobit, ITIL and ACL foundations.

Shannon Du-Pont
IT Audit
Associate Director

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Shannon has worked in multiple sectors including public sector entities, aviation and banking. He has over 10 years of experience in providing IT Advisory, Assurance and Consulting services.

Thabiso has over 7 years experience in IT Auditing, IT Advisory and Cyber Security. Before joining BDO, Thabiso worked for the National Treasury as an IT Auditor and subsequently went to join PWC as a senior associate in Cyber Security.

His experience in the IT Audit and Cyber Security space grew with his time at BDO and Hollard Insurance, performing a number of different specialised IT Audits including network security reviews which included penetration testing.

Thabiso has extensive experience in the public and private sector, having achieved 100% quality ratings for AGSA reviews, both IT audit and cyber security at PRASA, DIRCO, Eastern Cape Legislature (OTP) and ACSA.

Also IT Risk Management and Assessment, ISAE 3402, ISAE 3000, Architecture Reviews, Oracle and SQL DB Configuration reviews, Linux/Unix and Windows OS reviews, Network Security (Internal and external network "Vulnerability Assessment and Penetration Testing", Web and Mobile Application penetration testing, Network Devices configuration reviews. VPN and Wireless network Penetration Testing), ITIL, IT Governance , Business Process Reviews and Software Development Life Cycle (SDLC). He is a Certified Information Systems Auditor (CISA),Certified in Risk and Information Systems Control (CRISC), a member of ISACA and holds a BSc Honours Computer Science from UL. Thabiso acquired the Certified Information Security Manager (CISM) Qualification in June 2022 and also has a Cobit foundation background.

Thabiso Mokatse
IT Audit
Senior Manager

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As a versatile staff member of the BDO Cyber Lab, Thabiso is equiped with in-depth knowledge of solving a variety of reviews including, Information Technology General Controls, Application Controls.

OUR SERVICE OFFERING:

CYBER STRATEGY AND PROGRAMME

- ▶ Cybersecurity risk assessment
- ▶ Cybersecurity due dilgence
- ▶ Governance framework assessment
- ▶ Governance framework implementation
- ▶ Cyber incident preparedness

CYBER INSURANCE

- ▶ Cyber insurance claim preparation
- ▶ Coverage adequacy evaluation
- ▶ Cyber claim compliance

CYBERSECURITY TESTING AND VERIFICATION

- ▶ Vulnerability assessment
- ▶ Penetration testing
- ▶ Phishing simulation
- ▶ Physical security assessment and authorization

CYBER POLICY AND PROCEDURES

- ▶ Policy design and implementation support
- ▶ Compliance and training support
- ▶ Skills and qualification

CYBER SECURITY

GOVERNANCE, RISK AND COMPLIANCE

- ▶ Safety and security risk management
- ▶ IT/OT maturity assessment
- ▶ Standards GAP analysis
- ▶ Cloud deployment assessment

INCIDENT RESPONSE

- ▶ Data breach investigations
- ▶ Roadmap development Remediation plan
- ▶ Incident response planning
- ▶ Cyber resilience assessment

CYBERSECURITY INSIGHTS

- ▶ Business email comprise (BEC) assessments
- ▶ Open-source intelligence analysis

INFORMATION MANAGEMENT & SECURITY - MANAGED SERVICES

- ▶ Data breach investigations
- ▶ Roadmap development/Remediation plan
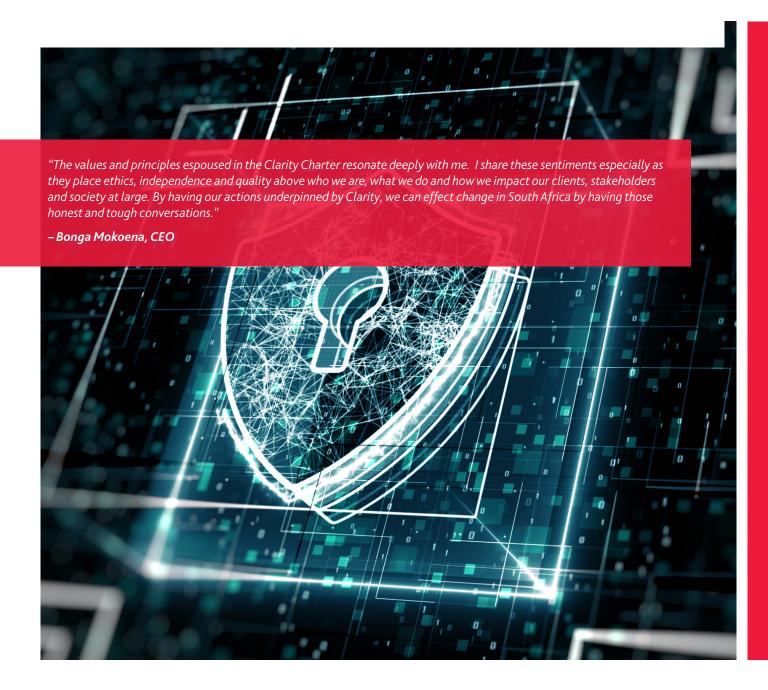- ▶ Incident response planning
- ▶ Cyber resilience assessment

BDO South Africa has several years of experience working with international standards and frameworks, including data protection laws and technology tools to conduct assessments in OT and IT environments.

OUR EXPERIENCE EXTENDS TO THE FOLLOWING STANDARDS AND FRAMESWORKS:

ISO/IEC 27001/2	NIST SP 800-**	IEC 62443 FOR OT SYSTEMS
NIST SPECIAL PUBLICATION 800-53	INFORMATION SYSTEM AUDIT CONTROL ASSOCIATION. (COBIT 5)	POPIA/GDPR
THE NIST CYBERSECURITY FRAMEWORK (CSF)	ISO 22301	NIST 800-83 CYBERSECURITY FRAMEWORK
CENTER FOR INTERNET SECURITY (CIS)	ISO/IEC 27031NERC-CIP	

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– Bonga Mokoena, CEO

THE POWER OF INDUSTRY EXPERIENCE

We have a clear ambition at BDO, one which sets us apart from other large accounting and advisory firms – to provide exceptional client service through demonstrable knowledge, understanding and focus. We deliver on this ambition because we are passionate about understanding your business and its key drivers, but also understanding the sector in which you operate, its challenges and opportunities.

We firmly believe that exceptional client service is about the qualities, skills and behaviours of the whole service team;

everyone in our core team has a genuine desire to deliver their best.

Our technical knowledge underpins our experience in Cybersecurity, which is the result of significant time investment in understanding clients' businesses and providing solutions that add value.

We are also well-connected to industry professionals that broadens the depth of our experience.

SERVICE DELIVERY ENABLED BY ROBUST METHODOLOGY

At BDO in South Africa, we follow a three-pillar approach to cybersecurity, including people, process, and technology. This approach helps to deliver holistic solutions and services to provide clients with assurance against cybersecurity threats. Technology is a key enabler for all of the services we offer, and this is why we have partnered with different Original Equipment Manufacturers (OEMs) to deliver security product solutions and manage security services.

OUR LOCAL CLIENT EXPERIENCE

We have successfully delivered projects for a number of private and public sector clients. A key benefit of BDO's service is the flexibility of resources provided. We can schedule our work to suit your needs and provide the right people at the right time, drawing on a range of specialists. Our clients includes organisations in the public sector, state owned entities, nonprofit organisations, financial services, retail, mining, telecommunications, law enforcement, amongst others.

WHAT OUR LOCAL CLIENTS SAY

In South Africa, we use the Net Promoter Score (NPS) to gauge client satisfaction and surveys are regularly sent to all clients. The NPS is an index ranging from -100 to 100 and is a management tool that can be used to gauge client loyalty. It serves as an

alternative to traditional customer satisfaction research and has been widely adopted with more than two thirds of Fortune 1000 companies using the metric.

OUR 2020 NPS SCORE WAS **69**

FOR A CLEAR PERSPECTIVE, PLEASE CONTACT US:

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