Cyber Security – Building resilience for businesses

Date: 30 January 2020

Venue: Hilton, Alexandria, Egypt

TIME: 2pm to 4pm

Uphold public interest

Hello world!

Your Facilitator

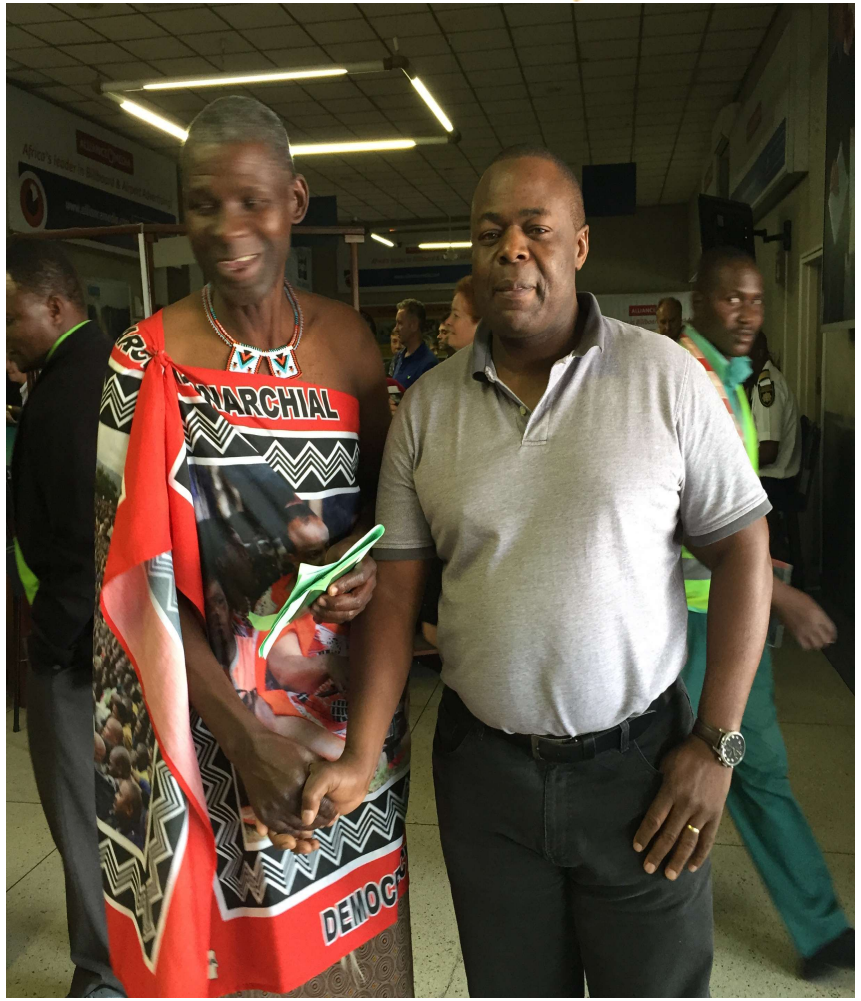
My Name is Barnabas Chirombo

Head: Galvanize Africa

Learning Objectives

1. Business Disruption
2. Principled Performance
3. Cloud security primer
4. Cyberisks
5. Mitigating Cyberisks

Learning Objectives



Value in Data

90%

By 2022, 90% of corporate strategies will explicitly mention information as a critical enterprise asset and analytics as an essential competency.

Source: Gartner

30%

By 2022, 30% of chief data officers will partner with their CFOs to formally value the organization's information assets for improved information management and benefits.

Source: Gartner

86%

of D&A leaders say their top responsibility is defining data and analytics strategy.

Source: Gartner

25%

By 2020, 25% of large organizations will be either sellers or buyers of data via formal online data marketplaces.

Source: Gartner

Velocity of Disruption

Velocity of Disruption is Increasing….Yet Risk Is Still Managed in Outdated Ways

12%

Of S&P 500 remain since 1955

75%

will churn by

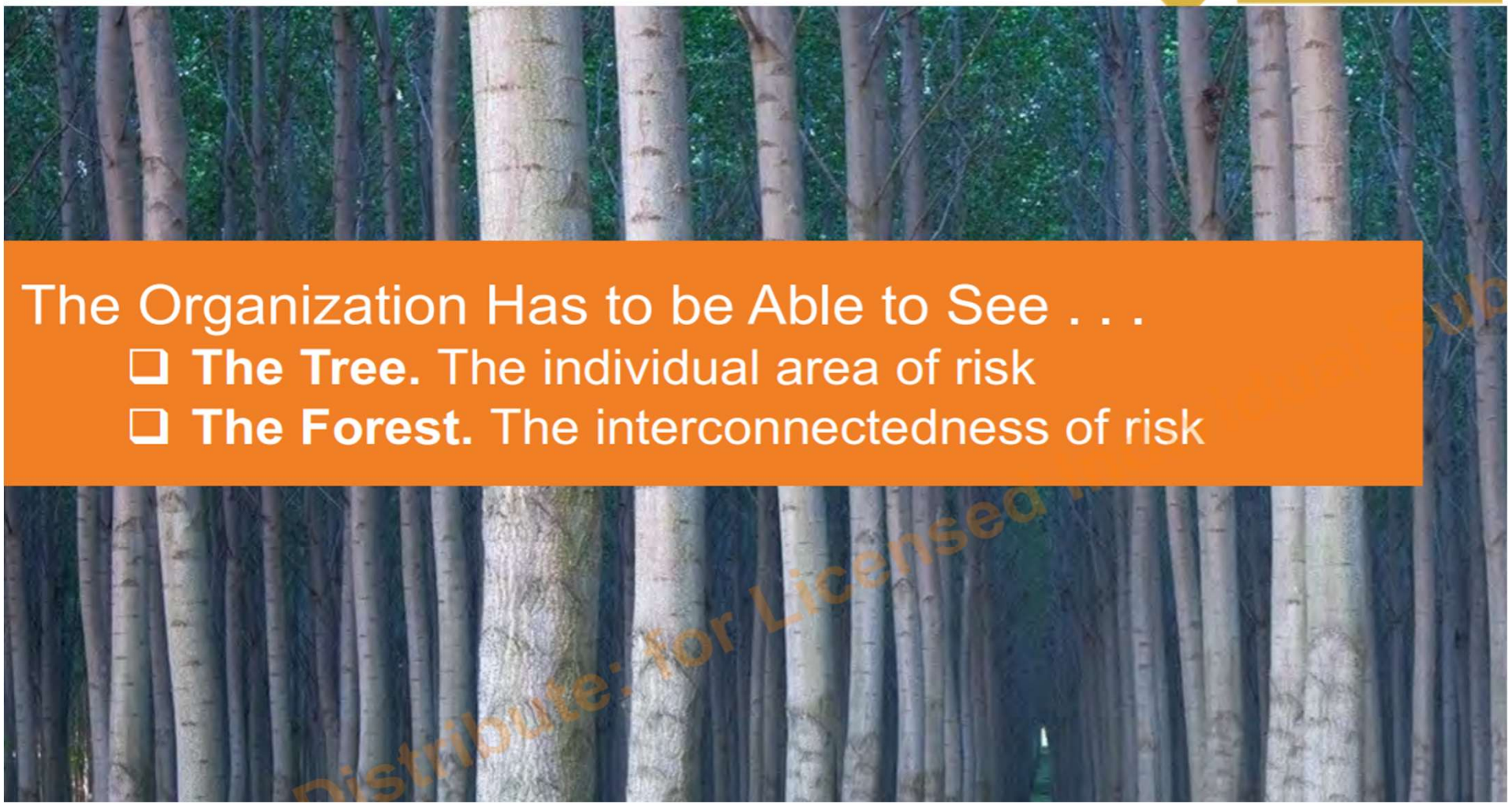
2027

of S&P

90% - 1%

Global data created < 2 years

Interconnectedness of risks



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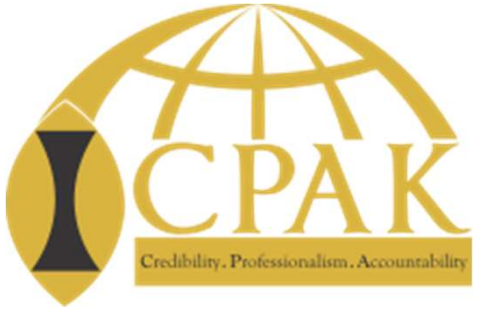
GRC Defined

The Official Definition of GRC . . .

> GRC is the integrated collection of capabilities that enable an organization to:
>
> **G)** reliably achieve objectives
>
> **R)** while addressing uncertainty and
>
> **C)** acting with integrity.

SOURCE: OCEG GRC Capability Model

Data Driven GRC



GRC is the capability, or integrated collection of capabilities, that enables an organization

1. *to reliably achieve objectives,*
2. *address uncertainty, and*
3. *act with integrity;*

including the governance, assurance and management of performance, risk, and compliance.(www.grcglossary.org)

Use the acronym “GRACE-IT”

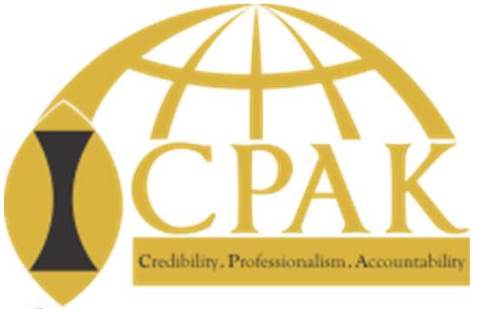
Roles that must work together to achieve

Principled Performance

Accomplishing this requires ability to…

- Reliably identify front line controls relevant to key strategic risks
- Test controls using empirical evidence (i.e., data) within the organization (reducing or eliminating unsound validation mechanisms like inquiries, sampling, etc.)
- Schedule and automate such tests to occur on an regular basis for ongoing evaluation of the related control
- Link real-time results of testing directly to corporate risks, driving real-time organizational risk assessment

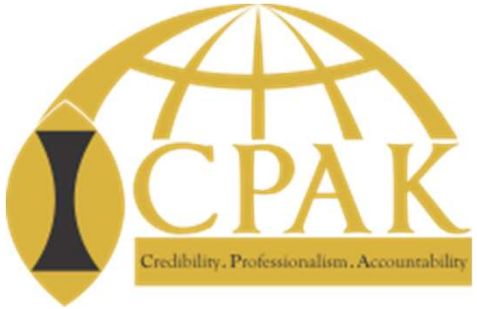
Multiple data sources



Unstructured Data

plus more…

Cyber Security Risks



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Thank you.

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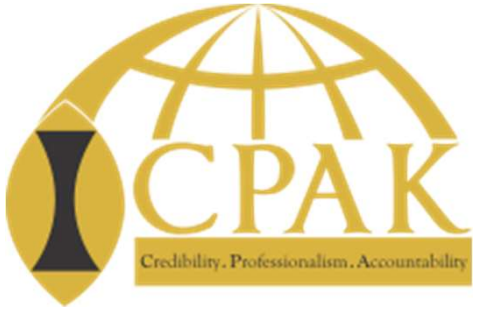

Thank You