



DATA-SHCK
Your Home of Analytics

 **Sigmafi**

Where sound **Process Optimisation**
& **Experience** Meets **Technology**
- Delivered with **Excellence**



We want you to **Experience** the **Simplicity** of **Sigmafi** at your **Fingertips**

LEVERAGING CONNECTED INFRASTRUCTURE



Access to Data to Monitor Live Performance Across the Entire Plant Value Stream (Incoming Supply, Processing & Manufacturing, Product Final Quality, Distribution & The Customer)

THE RIGHT METHODOLOGY



Using a Common Language and Way of Measuring Performance Across the Board, using Industry Improved Methodologies

HYPERCONVERGED ANALYTICS



Connected Advanced Analytics Tools to Model the immediate impact of Improvements and consider What-if Scenario's

COLLABORATION



A Common Platform for Various Stages, Departments and Stakeholders in a Production Process to collaborate for End-to-End optimal Performance, using common Methodology

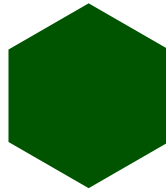
ACCESS ANYWHERE



Platforms should cater for all levels of Stakeholders and allow Easy Access at any stage of the Process from Anywhere

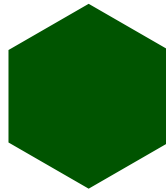
Who is Sigmafi For?

Leadership Teams



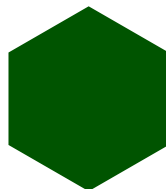
Driving Overall Plant Performance and EBIT

Departmental Management



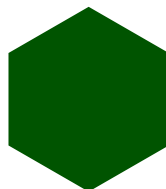
Driving key Performance Metrics of each link in the value chain

Process Engineering, Process Control and Performance



Key Team members in Process Engineering, Process Control and Performance

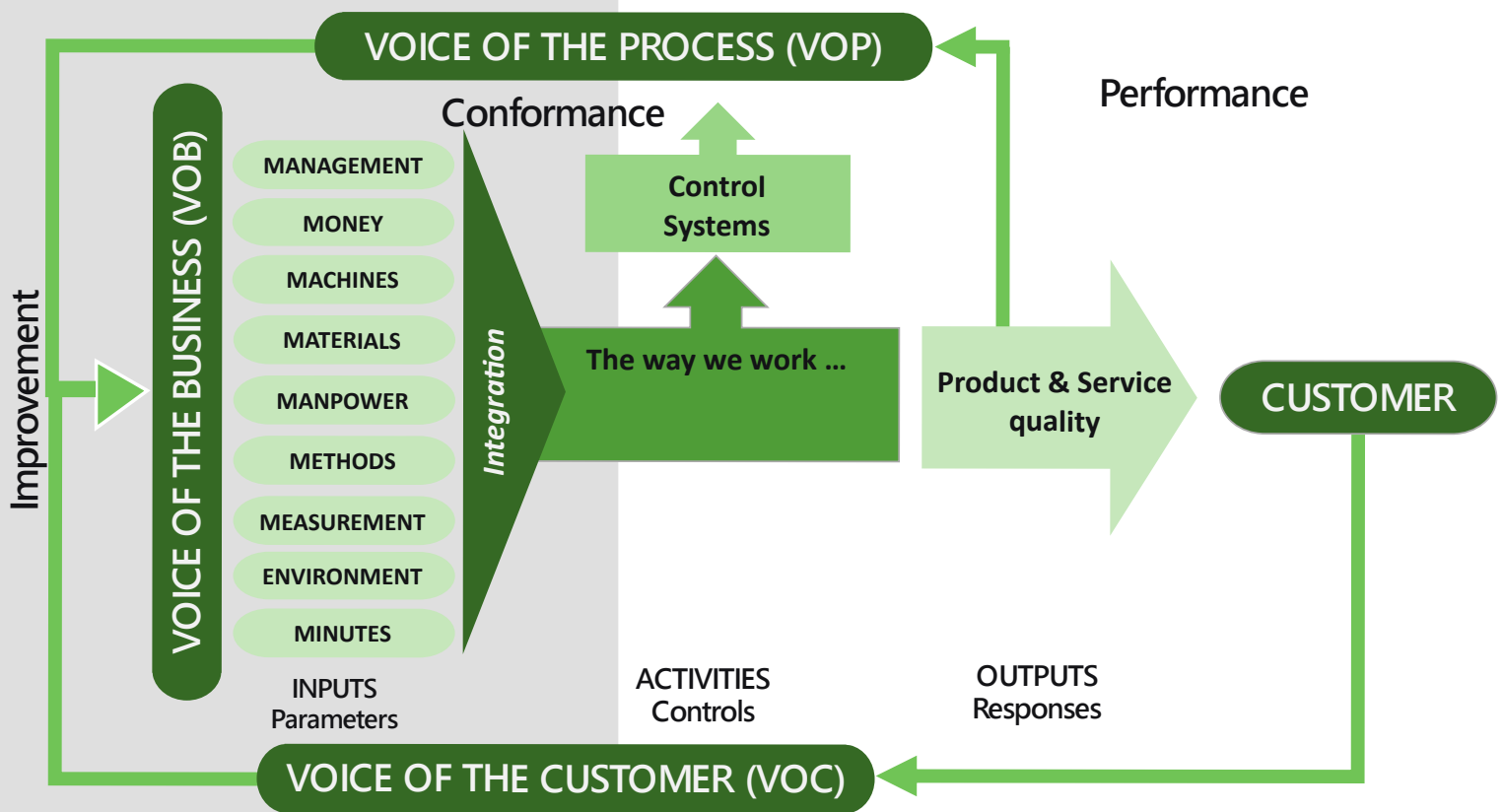
Quality Control



Quality Control and Statistical Process Control (SPC), across Departments & Value Chain

Customer Value Drivers

Performance, Conformance & Business Improvement
Process Feedback



Vertical Solution Sheet



FMCG
Manufacturing



Mining



Chemical
Processing



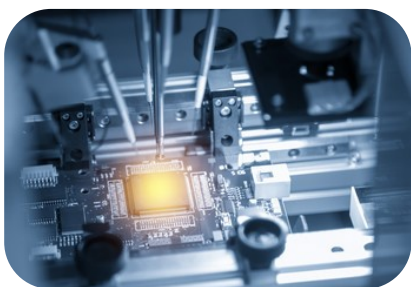
General
Manufacturing



Energy



Healthcare



High Tech
Manufacturing



Pharmaceuticals

Solution **Value** - What's in the **Box**?

Sigmafi



IP

Visuals, Data Integration,
Embedded AI/ML/Data Science



Tech

Streaming, DV, Data Science,
Visualization



Services

Implementation & Training

6σ Methodology

D M A I C

Define



the problem, improvement activity, opportunity for improvement, the project goals, and customer (internal and external) requirements

01

Measure



Process Performance

02

Analyse



the process to determine root causes of variation, poor performance (defects)

03

Improve



process performance by addressing and eliminating the root causes.

04

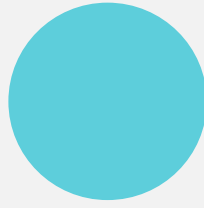
Control



the improved process and future process performance.

05

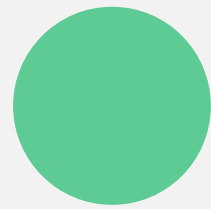
Functionality Included



Process Optimization



Predictive Root-Cause Analytics



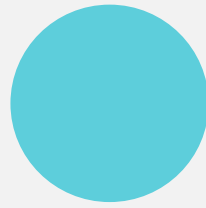
Continuous Improvement



Statistical Process Control



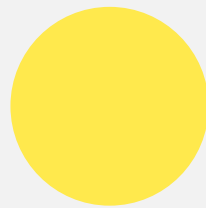
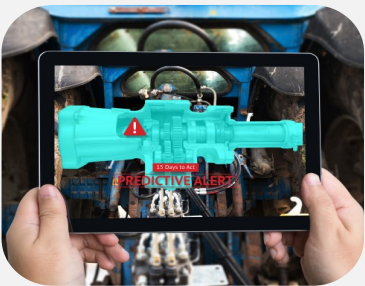
Planning & Distribution



Raw Materials
Supply Chain



Predictive
Maintenance



Product Stability
& Shelf-Life
Analysis



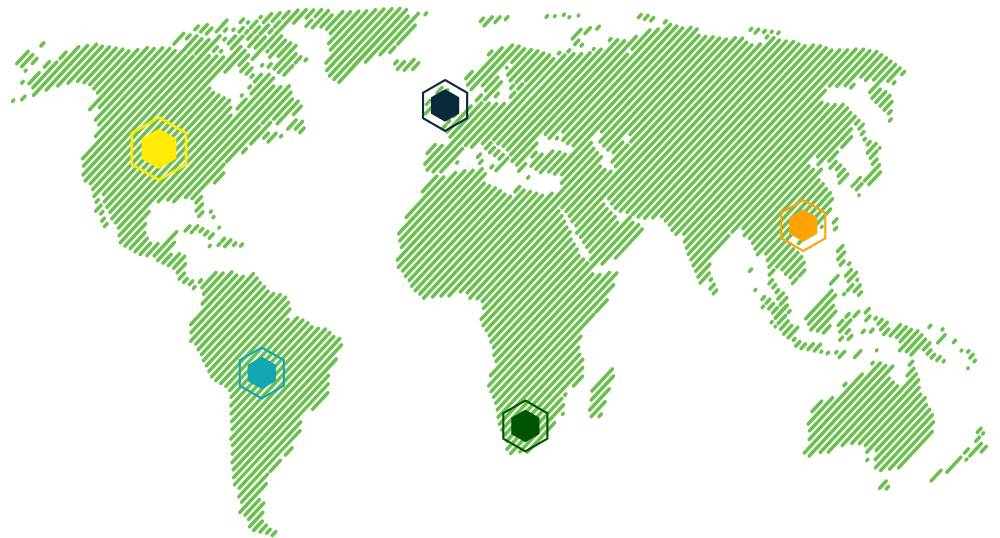
Customizable **Add-Ons**

Why Data-Shack?



Global Offices

- South-Africa
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- USA
- Latin America
- Hong Kong



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