



Liberate Industrial Data And Scale Digital Value

8

DLF_

DATA
LIBERATION
FRONT





Who is Element8

Element8 is the sole sub-Saharan Africa distributor of the **Ignition Industrial Automation Platform**, **Sepasoft MES** and **Canary Data Historian**.

Why we exist

To ensure a **flourishing** future for Industry.

Guiding Principles

Humbly serve our community and industry. **Learn** from others and **share** what we've learned.

What we provide

Intuitive and **scalable** industrial technologies that break down the barriers of **cost** and **complexity**.



Gary Lowenstein

Sales Engineer
Element8



Jaco Markwat

Team Lead
Element8



Craig Marsden

Director and Engineer
Concera



Jacques Venter

Director and Engineer
Concera

FRI
20 JUN
2025



01 COMMUNITY NEWS

02 SOLUTION UPDATES

03 TRAINING OFFER

04 APPLICATION SHOWCASE: CONCERA FOR SIBANYE-STILLWATER

8

DLF_

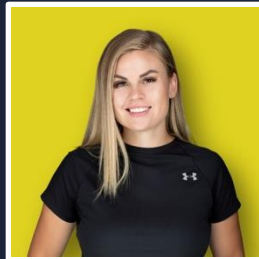
DATA
LIBERATION
FRONT

NEW PARTNER CERTIFICATIONS



200+ Certified Engineers
15 Gold Certified Partners
20 Certified Partners

Updated: May 2025



Clarise Rautenbach
Channel Partner Lead
Element8

Partner Page



Ignition![®] 8.3

The New Historian & API

- 1.Zero Config
- 2.100x More Capable
- 3.Data Source for Data Rollup
- 4.Richer Data Modeling
- 5.Open & Cross-Platform
- 6.All for Free with Upgrade Protection**



Drawing Tools



Event Streams



Forms



Perspective Offline Mode

Siemens S7+

Twilio Voice & WhatsApp



Gateway UI



Deployment Modes

Ignition![®] 8.3

Ignition! Community Conference 2025

LEVEL UP

A New Era For Ignition, Its Community, and Its Conference!

Ignition! Community
Conference 2025

PROVEIT!

Experience Provelt! at ICC 2025

See Provelt! at ICC 2025! Experience 17 live Industry 4.0 showcases featuring working solutions powered by Ignition, the Unified Namespace, and the Provelt! Virtual Factory.

Join Us for ICC® 2025 on September 16–18, 2025 in Sacramento, CA



New Release:


Version 25.3

Upgrade Now →

Chart 1: Untitled
10/24/2024 8:30:55 AM

NEW SERIES

Getting Started



Client App Installation

Watch on YouTube

canary

01:00:00

canary

canary

NEW SERIES

Axiom Charts

Out Now on  YouTube



canary

canary


canary


canary

canary

NEW SERIES

Canary Admin

Out Now on  YouTube



canary

canary

canary

canary

canary

2025 Canary User Conference

[Register Now](#)**August 11-14**

State College, Pennsylvania

1985 * 2025

This year, as Canary celebrates 40 years, we're excited to bring together everyone who invested in our journey. Join us in State College, PA, for training, networking with fellow Canary Partners and End Users, and a first look at our upcoming software features.

Join us in State College, PA for training, networking with fellow Canary Partners and End Users, and a first look at our upcoming software features.





Complimentary Training Seat Included with Every License

We believe in the power of enablement. That's why we're proud to introduce a new training benefit designed to set you up for success, at no extra cost.

What's Included?

Every qualifying license now comes with a **free training seat** to help your team hit the ground running. Whether new to the platform or scaling across sites, this is your opportunity to build hands-on knowledge and confidence.

Register here





Real Voices. Real Experiences.

Join Us, along with international speakers from Ignition and Canary, and real-world case studies from selected System Integrators from across South Africa, as we dive into the latest innovations in industrial software.

21 October 2025
Asara Wine Estate,
Stellenbosch, Western Cape



24 October 2025
Irene Lodge,
Centurion, Gauteng

22 October 2025
Radisson Blu,
Umhlanga, KwaZulu-Natal



Be part of the conversation.

8

04

APPLICATION SHOWCASE



CONCERRA

ELE
MENT

8





Customer Projects

Mining, Metals and Minerals

Products: Ignition, Canary and Cirrus Link MQTT

Overview

The project was to develop an **Abnormal Situation Management (ASM)** SCADA platform to replace the existing legacy SCADA systems at **Sibanye Stillwater's Rustenburg Platinum** area. The new SCADA encompasses 3 Vertical Shafts, 10 Air Compressors, and various utility areas, enabling **efficient system operation** and **remote viewing** of data and screens from multiple locations.

Problems to solve

- The legacy SCADA system was cumbersome and lacked critical features
- It became difficult to manage and maintain because of its complexity, infrastructure, and time perspectives
- The various sites also had differing standards, making cross-usage of operators and technicians difficult.

Requirements

- Provide a simple interface that leads the operator to any issues affecting production.

- Have the full functionality and information required for a technician to conduct in-depth fault finding.
- External viewing from the offices needed to be included while not negatively affecting the critical view in the operator control room onsite.
- The new system needed a cost-effective solution that could be implemented rapidly. The client's cybersecurity was highly vulnerable due to legacy software and operating systems.
- Providing everyone with a view into the operations from any location within the company network without having direct access to the operational sites.
- A central location was needed to store the standardised objects that could be pushed down to each site. Each site needs to own its visualisation, but access to these resources needs to be available on the company network.

Project Start Date: **Oct 2024** | End Date: **Dec 2024**



Customer Projects

Mining, Metals and Minerals

Products: Ignition, Canary and Cirrus Link MQTT

Challenges

- **Development timeline:** The entire project development of UDTs, faceplates, icon standards, and all the pages was due in 3 months due to financial year-end constraints.
- **Multiple and different PLC standards** and tag structures while maintaining a consistent look and feel for the operator. All objects must also adhere to existing ASM standards used at other client sites built on a different platform.
- A significant focus was placed on differentiating the new Ignition system from the existing ASM implementations while **maintaining a similar look and feel**, and utilising the features only Ignition can offer.
- The control of air compressors requires a **very specialised surge curve graph**, which is critical to the compressor's maintenance and operation.

Results

- **A high-performance ASM SCADA** that is simpler to maintain, requires fewer computing resources, and enables a broader range of people to view the SCADA from more locations while maintaining operational functionality and security.
- The **unlimited licensing model** and Perspective's browser-based nature allow users to access the visualisation without hassle, excessive configuration, or additional licensing.
- Due to Ignition's BasicCare and Canary's CustomerCare model, **annual support costs have significantly decreased**.
- **New IT policies can be applied** to these systems as legacy system requirements on operating systems have been removed.
- The client has seen the benefits of Ignition, which are **more than just visualisation**. This has led to plans to add functionality to the Ignition system, which is typically limited to MES/MIS systems.



Customer Projects

Mining, Metals and Minerals

Products: Ignition, Canary and Cirrus Link MQTT



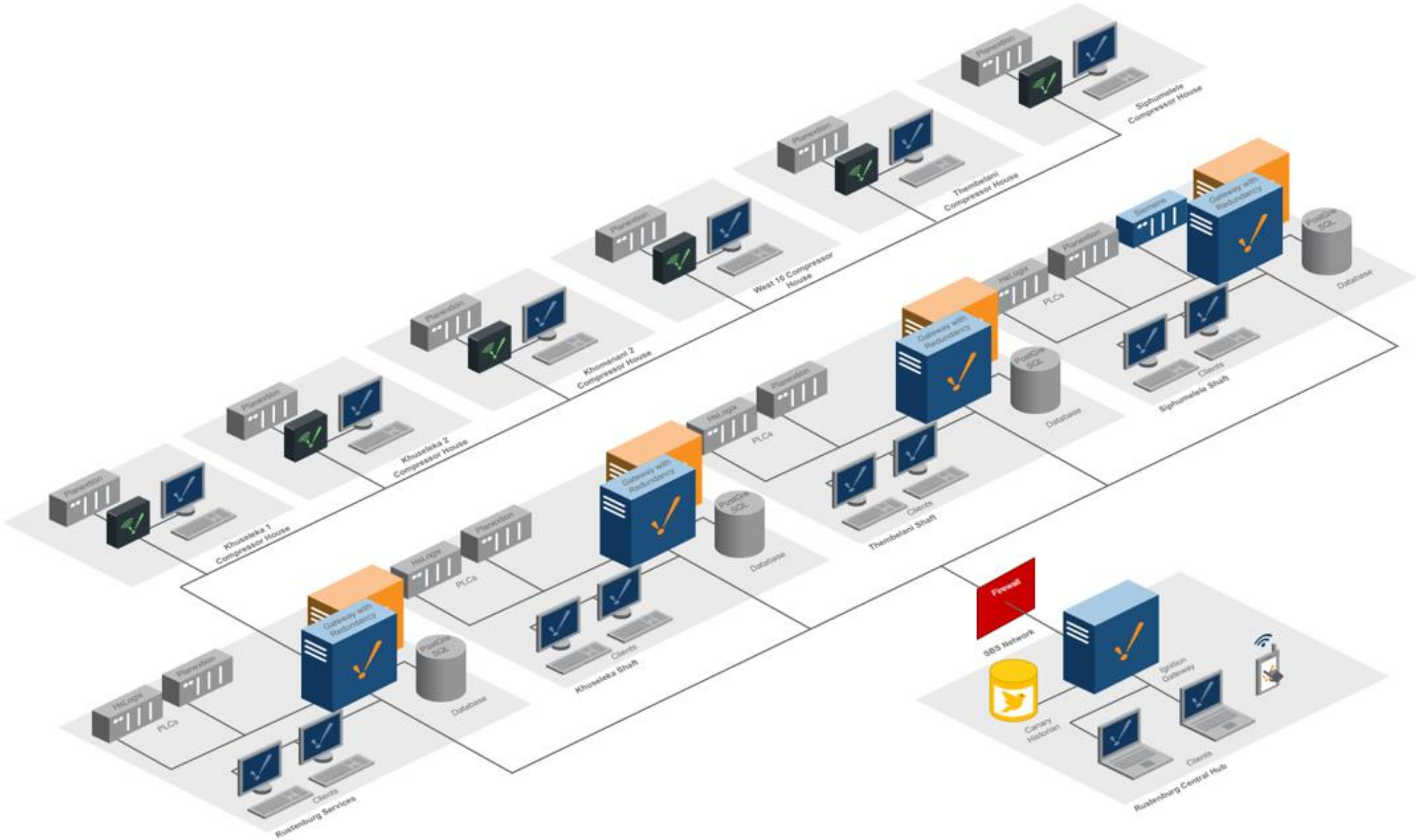
Architecture



Customer Projects

Mining, Metals and Minerals

Architecture: Enterprise with Redundancy



Community Impact Program

Build Better Solutions, Enable Communities with Ignition

We're proud to donate Ignition licenses to non-profit entities (individuals or groups) for the non-commercial purposes of philanthropy and community service.

Become Part of the Program

Find out if your community project qualifies to benefit from a free Ignition license.

Complete the form below.

Requirements



Not to be used for commercial purposes or benefit



Have a positive impact on a community



Outline of the project scope and requested module(s)



Demonstrate why the project would be unfeasible without a free Ignition license



KNOW YOUR LIMITLESS

World-Leading Automation Software

Exclusive Sub-Saharan Africa distributor.
Uncompromising service.
Unconditional support.

