SCiBOTRON
—— FOR ETERNITY ——

CONTACT US

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POSTAL ADDRESS

PostNet Suite #549
Private Bag x10
Elarduspark
0047

PHYSICAL ADDRESS

67 Regency Drive
Route 21 Corporate Park
South Africa
0157

AUTOMATION
ENGINEERING

INDUSTRIAL
PROCESS
CONTROL

SYSTEMS
INTEGRATION

INDEX

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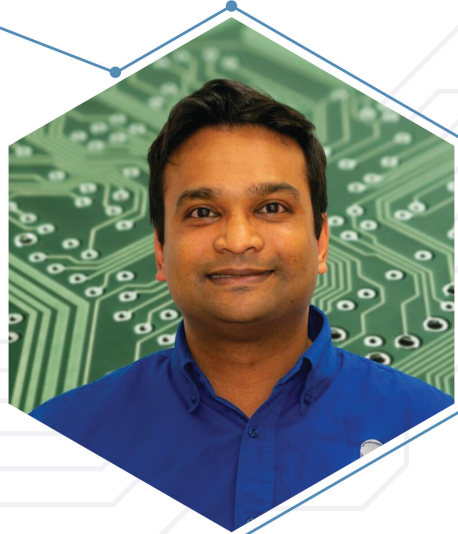PostNet Suite #549
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1 OUR FOUNDERS

SCiBOTRON was established in 2013 by Ricardo and Veronica Paddy with a passion to be revolutionary contributors to the Automation Engineering Science industry.

RICARDO **PADDY**

Ricardo has 16 years industry experience and has successfully led national and multinational engineering teams on projects in various sectors. He holds a B.Sc in Information Technology, a B.Ing (Hons) in Electrical and Electronic Engineering and a M.Ing in Engineering Management.

MOTTO: "STRIVE FOR PERFECTION, ACHIEVE EXCELLENCE."
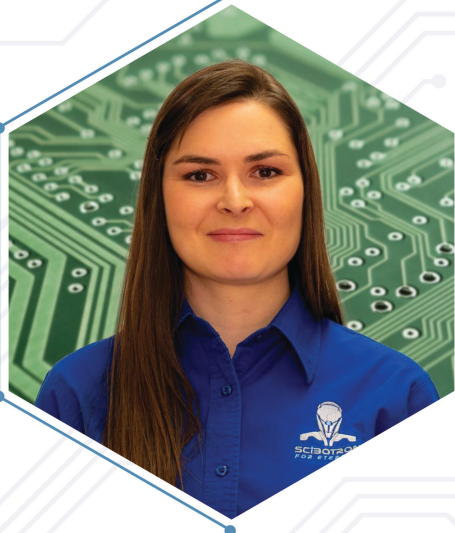
VERONICA **PADDY**

Veronica has 5 years experience in the engineering management field and holds an internationally recognised project management (Agile DSDM) certification. She has a B.Sc in Medical sciences, B.Sc (Hons) and M.Sc in Pharmacology.

MOTTO: "KEEP LEARNING AND CONTINUE GROWING."

2 OUR MISSION & VISION

MISSION: To provide clients with industry leading automation solutions of the highest quality through agile project methodologies, ethical business practices, skilled resources and established processes.

VISION: To become an internationally recognized industrial process control automation company through exemplary engineering solutions, distinguished project management, efficient project execution and quality focused systems and processes.

3 ABOUT US

SCiBOTRON is an automation software engineering company focused on industrial process control automation, custom software engineering and systems integration.

SINCE SCiBOTRON WAS FOUNDED it gained a reputation as an automation company "that turns projects around" through industry leading technical solutions, exemplary quality of software services and agility of project management.

THE NAME "SCiBOTRON" is made up of a 3 business disciplines from which Scibotron operates: **Sci**- (Science), **Bot**- (Robotics/Automation) and **Tron**- (Sub-atomic Electronic Particles for Electronic Engineering).

Our slogan is "For Eternity" which speaks of our enduring quality culture in our approach to everything we do as Scibotron.

CERTIFICATIONS AND AWARDS

AWARDS

Business Excellence Demonstrated in:
Entrepreneurship & Uniqueness, Profitability and Outstanding Service.
Awarded by PWC through the Capital City Business Chamber

CERTIFICATIONS

B-BBEE Level 2

ISO9001:2015

AFFILIATIONS AND REGISTRATIONS

Central Supplier Database

Capital City Business Chamber

4 | OUR SERVICES

SOFTWARE DEVELOPMENT

SCiBOTRON offers the following professional engineering services within the Automation Industry:
- Systems Integration
- Custom Software Development
- Systems Administration
- Automation Consulting Services
- Automation Training

We also provide value-added services such as hybridised agile automation software lifecycle project management and online project tracking for our customers.

SCiBOTRON is a technology agnostic company and has successfully integrated major automation systems.

ONLINE PROJECT TRACKING FOR OUR CUSTOMERS.

CUSTOMIZED SOLUTIONS

SCiBOTRON offers customized software solutions within the Automation, Process Control and Manufacturing environments. Software solutions include information system platforms, database designs, auto generator applets (automated engineering), reporting solutions and functionality to extend the capabilities of vendor software platforms. Software solutions are packaged as Desktop or Web Apps.

DESKTOP APPLICATIONS

Desktop applications are developed to target the underlying operating systems (Microsoft Windows, Linux or MacOS), or can be written as cross-platform applications. **SCiBOTRON** is experienced in development within the following IDE's and languages: QT Creator (C++) and Microsoft Visual Studio (C#, VB).

Schneider Electric
Wonderware
Historian Server and Client
System Platform
InTouch

CODESYS
Festo
IFM

SIEMENS
PCS7
OpenPCS7
Simit
TIA Portal
WinCC Flexible
WinCC Prof

SYSTEM INTEGRATION

Rockwell Automation
Studio 5000
Drives
DeviceNet, ControlNet,

ABB
Freelance
ABB 800xA

inductive automation
Ignitio

AUTOMATION TRAINING

SKILLS **DEVELOPMENT**

SCiBOTRON is a proponent for skills development and transference of expertise and knowledge within the automation industry. SCiBOTRON offers training courses using various major software automation system platforms.

We provide industrial automation training on a:
- BASIC LEVEL
- INTERMEDIATE LEVEL
- ADVANCED LEVEL

TOPICS WE COVER

- SYSTEM DESIGN
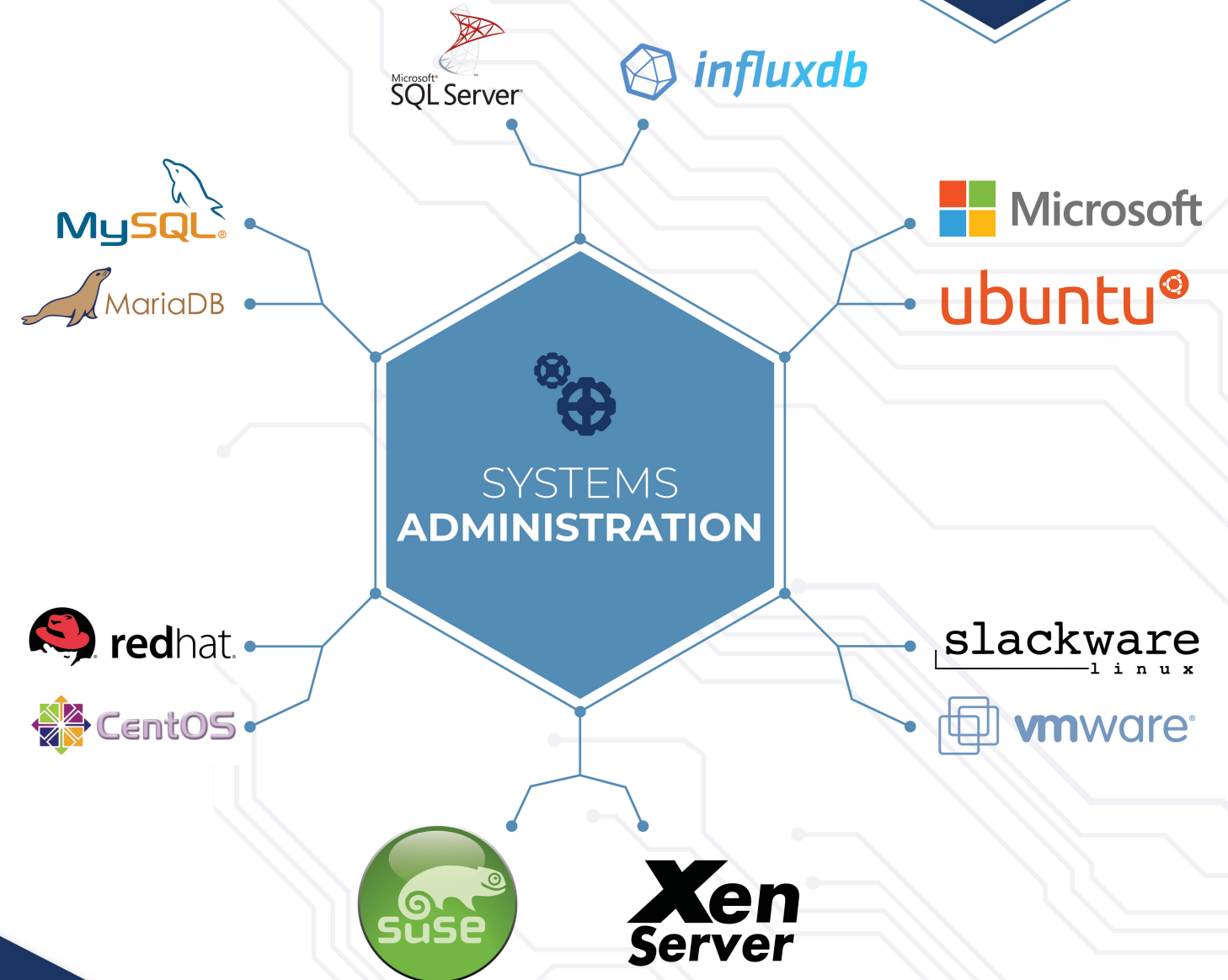- PLC SYSTEM
- SCADA SYSTEM
- MASS ENGINEERING
- NETWORKING
- ARCHIVING
- ALARMING
- MAINTENANCE
- SECURITY

CONSULTING SERVICES

- PROCESS CONTROL SYSTEM DESIGN
- NETWORK DESIGN
- SOFTWARE AUTOGENERATION
- PROJECT MANAGEMENT

SYSTEMS ADMINISTRATION

Microsoft SQL Server

influxdb

MySQL

MariaDB

Microsoft

ubuntu

redhat

CentOS

slackware linux

vmware

SUSE

Xen Server
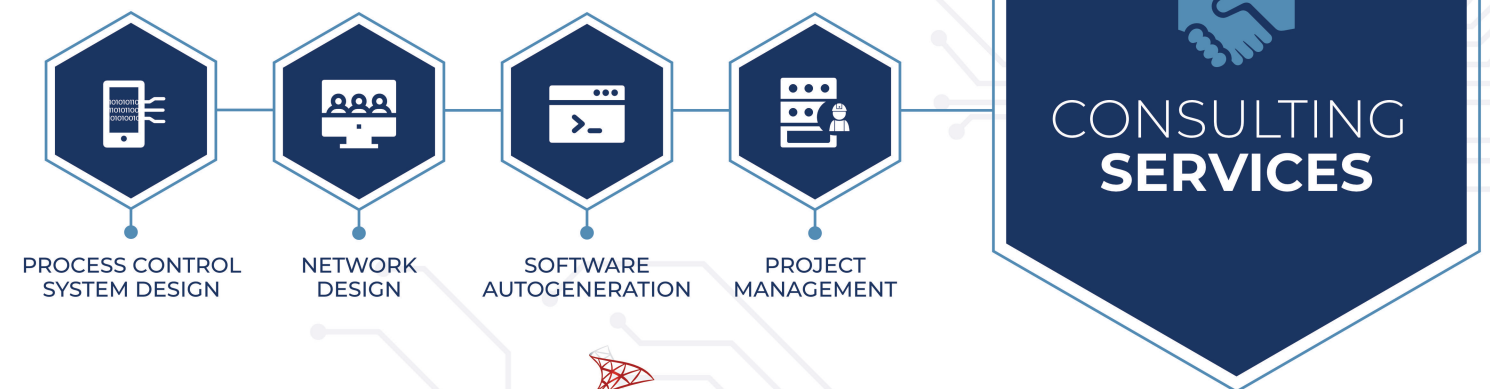
6 | INDUSTRIES & EXPERIENCE

SCiBOTRON'S process control automation experience features within major industries such as: Mining, Food & Beverage, Energy, Water Processing and Oil & Gas. Collectively we have successfully commissioned software on sites to a project site value (PSV) of over R40bn.

MINING
Siemens PCS7 | ABB(800xA)
Wonderware
High Speed Python Logging
PSV: R200M

OIL & GAS
Siemens PCS7
PSV: R32bn

WATER
TIA Portal,
WinCC Custom Reporting
PSV: R100m

ENERGY
TIA Portal, Step7
PSV: R8bn

FOOD & BEVERAGE
Siemens PCS7,
Simatic Batch/Route,
TIA Portal, Rockwell, .Net,
MS Reporting Services
PSV: R600M

HATCH

ANGLO AMERICAN

Nestlé

HIGH-TECH PROCESSING (PTY) LTD

TRANSNET

ChromTech Holdings (Pty) Limited Registration no: 2006/01202/07

TECROVEER

SPX DB THERMAL

GOLDI Chicken Tender n Tasty

ifm

SIEMENS

EASTPLATS

CRONIMET Turkey Metal Ticaret A.Ş.

devcotech electrical engineering

M3 make me mobile enterprise mobility solutions

Business Connexion

SYSTEMS ANYWHERE

Control Alliance CC "A Client is Forever"

SSS SANDERSON SPECIAL STEELS

iB

DISTELL DEVELOPMENT TRUST

SCiBOTRON is a technology-agnostic company and has successfully integrated major automation systems. Due to our unique project management approach, Scibotron celebrates a track record of having all our projects delivered successfully on time, to specification (quality) and within budget.

- Within 4 years, SCiBOTRON moved from a EME to a QSE.
- Successfully commissioned software systems on 7 National Key Point Sites and 1 JSE listed company in South Africa.
- Preferred Supplier of Automation to one JSE listed listed company.
- Subcontracted in as subject matter experts in control automation.
- SCiBOTRON is often contracted in on projects that are already in penalties or are heading for failure – and manages to turn these around each time.
- Technology agnostic and seek to provide clients with the best fit-for-purpose systems.
- We employ a 7-Gate Quality control process on all our major projects.
- Client project traceability access and bug-logging online system.
- Hybridized Agile Project Management Methodologies that has ensured project success in terms of cost, schedule, quality and scope.
- International Project Management (Agile DSDM and PMBOK) and System Design Standards.
- Well-documented processes and project management.
- ISO9001 Certified – no exclusions.
- BBBEE level 2.
- Awarded For Business Excellence Demonstrated in: Entrepreneurship & Uniqueness, Profitability and Outstanding Service.

ISO 9001:2015

LEVEL 2 BBBEE CONTRIBUTOR

CCBC Business of the Year 2018

IT'S A COMPANY THAT HAS GOOD LEADERSHIP and is an expert in the field of Automation.

PERCY MATENCHI (ENGINEER AT TRANSNET)

RIGHT FROM THE BEGINNING SCiBOTRON SHOWED GREAT PROFESSIONALISM. From the clarification meeting I was quite impressed. It was excellent working with SCiBOTRON.

SCiBOTRON PROVIDES A HIGHLY PROFESSIONAL INDUSTRIAL SOFTWARE INTEGRATION SERVICE. Over the past 3 years they have shown sound understanding of food and beverage process requirements. Their thorough planning and detailed documentation control result in minimal down time and effective outage management.

VIVIAN ROCHER (GROUP AUTOMATION AND CONTROL ENGINEER, DISTELL PTY LTD.)

OUT OF ALL OF THE SI'S THAT I HAVE WORKED WITH THIS WAS ONE OF THE MOST PLEASURABLE EXPERIENCES. I liked working with a smaller company that was more accessible. SCiBOTRON was competitive and gave us a very good service. It has been a pleasure working with SCiBOTRON. Communication lines were constantly open.

CRAIG ROBERSON (SENIOR PROJECT MANAGER, TECROVEER)

WHILST WE TRY TO FOLLOW AN AGILE PROJECT MANAGEMENT APPROACH TO PROJECTS, SCiBOTRON TRULY UNDERSTANDS THE BREAKDOWN OF WORK PACKAGES TO THE SMALLEST ACTION LEVEL. It would be strongly argued that this allows them to have an in-depth understanding of any projects deliverables. Moreover, we have found that their effective and explicit way of communication , truly compliments our project team and end user clients.

WESLEY VAN DEN HEEVER (PROJECT MANAGER, (PMP) HIGHTECH PROCESSING)

SCiBOTRON CONTRIBUTED GREATLY TOWARDS THE SUCCESS OF THE PROJECT and we will certainly contract with them again in the future. We found them to be professional, timeous with their deliverables and the quality of their engineering was excellent.

RICHARD BARROWS (PROJECTS DIRECTOR, HIGHTECH PROCESSING)