

# irene steenhagen

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## PERSONAL

<i>Gender:</i> Woman	<i>Address:</i> P. O. Box 880
<i>Nationality:</i> South African	Lanseria 1748

## EXECUTIVE SUMMARY

Programme / Project Management  
Electronic Systems Engineer  
Business Development  
People Management  
Innovator  
Mentor

## EXPERIENCE

### August 2013 to present, Project Management

Manage timeline, budget, suppliers, customers and products of the following projects -

- Manufacture of Basketball/ Netball Chain type Nets.
- Manufacture of soccer shoe lace cover.
- Research on new technology, wireless, non-fossil fuel power, mobile phone, VOIP.

### August 2014 to Present, Sweetspot, Business Development Manager

Develop business.

Expand on the range of goods

### August 2012 to July 2013, Telkom Mobile, Project Manager RAN

Project Wi-Fi

- Single Point Of Contact on the project.
- In-house teams management.
- Contractor managed.
- Vender management.
- Database Management.
- QA Management.
- Integration Management.
- Project management.
- Stakeholder management.
- Logistics management.
- Manage Technology.

**Reason for leaving:** end of contract.

### May 2012 to Present, Henk & I, Bookkeeping

- Bookkeeping - data capture.
- SARS efilling.
- Prepare yearly auditing documents.

### September 2010 to August 2011, Bombardier, Project Contract

**Administrator** (Automatic Fare Collection - AFC)

- The stakeholders and the subcontractor Communication.
- Project Finances management.
- Installation testing and commissioning.
- As built drawings management.
- Milestone management.
- Operational and maintenance manuals updated.

- Software release management.

**Reason for leaving:** End of project, the Gautrain system is complete.

July 2008 to August 2010, **Nini's, Business Solutions Consultant**  
(Project manager / Technical Analyst / Business Analyst)

- Business development.
- Project management.
- Stakeholder management.

**Reason for leaving:** Projects Complete

December 2002 to June 2008, **Transtel, Business Solutions Consultant**  
(Project manager, Technical Analyst, and Business Analyst combination)

- Customer Requirement Specification.
- Technical and business proposal developed and management.
- Project management.
- Stakeholder management.
- Technologies management.
- Communication management.

**Reason for leaving:** Time for new challenge.

June 2002 to November 2002, **Transtel, Quality Assurance Officer**

- QA management.
- QA standards.

**Reason for leaving:** Promotion

June 2000 to May 2002, **Transtel, Senior Technician Wireless Networks**

- Monitor National Wireless Ops Centre (NOC) network. (MPT1327)
- Streamline the network operation.

**Reason for leaving:** Promotion

## **SKILLS AND COMPETENCIES**

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- Strong written and spoken, engineering and commercial communication skills, including steerco presentation.
- Electronic systems integration, wireless and TCP/IP data communication systems expert.
- Leadership experience throughout the projects.
- Teamwork experience on different levels of projects and tasks.
- Business and network development with strong Interdepartmental working and high level business focus with management expertise.
- Systems engineering, Project planning and management experience.
- Training and mentorship at all engineering levels.
- Full project management.

Qualifications on the next page

## QUALIFICATIONS AND ASSOCIATIONS

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- 2013 SmartPM APMG International approved, Johannesburg
- PRINCE2 Practitioner (P2R/564921)
- 2002 Aspects International, London,
- ISO 14000 Environmental Auditor (Certificate)
- 2000 Damelin, Johannesburg,
- Microsoft Certified Systems Engineer (MCSE) NT4, (IIS and TCP/IP electives)
- 1994 Damelin Business School, Tshwane
- Small Business Management Diploma
- 1986 Tshwane University of Technology
- HNDDT (Telecom) (T4 Diploma),
- 1983 Telkom College
- NDT Electrical Engineering (Electrical Light-Current).
- 1978 Estcourt High School (KZN)
- Matric

## ACHIEVEMENTS

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2013

**Largest Wi-Fi Hot Spot network in South Africa**, at 1700 Hotspots (2013). Controlling the budget of R40 Million for the access and core network.

2010

Within 2 weeks of starting on the AFC project of the Gautrain project I had the Finances of the subcontractor in check.

2006

**Integrated WiMax into hospital operations.** Contacted by Medicross to create a reliable network that allowed five area hospitals to connect X-ray equipment to a dedicated printer in a remote location. Evaluated systems, determined bandwidth requirements, and replaced wire-line system. Finished R500K project in five months.

2007

**Saved lives with cost effective system.** Transnet has 200+ transportation tunnels with no communication facilities leading to 130 accidents, 28 derailments, and 300+ fatalities - creating millions of rand's in capital losses. Proposed and installed a R1M RF system. Decreased to 52 accidents, seven derailments, and 55 fatalities the next year - all due to human error. . Prototype Tunnels - MPT1327, Cedara - two 6 Km tunnels and Conventional radio, Hexriver - 13 Km tunnel.

2005

**Improved city-wide transportation system.** Riots resulted after recently installed copper lines were removed by local residents, backing up 1,000+ trains across 2,200 miles of track. Prevented further destruction of trains, which cost R42M+ to fix, with a R350K wireless prototype in five locations. Bolstered service and reliability.

2004

**Emergence caravans.** 14 4x4 caravans, distributed throughout South Africa. These caravans provide communication at a derailment site, this includes data (PC with 3G modem), Radio (to connect to the nearest Radio site), and voice (DECT, wireless PBX, for staff on site to communicate with each other.) this allows for fast clean-up saving lives and preventing penalties.

2003

**Streamlined logistics handling.** A container dock was expanding and purchased a high performance crane, but was slowed due to time administrative processes. Listened to client's needs and installed a Wi-Fi network. Used GPS data with container data to provide Yard Manager real-time shipping information. Completed in two months.

2002

Completed ISO 14000 Environmental Auditor exam, implemented skills gained on a day to day basis and started the ISO 14000 certification and education program for Transtel.

2000

Implemented a "Per node" filing system for the MPT1327 network in the NOC; so that all the information of the sites on this node, the regional processor and the inter-regional processor connectivity, is all available to whoever needs it nationwide. The documents include site files, site drawings, network drawings, subscriber list, traffic analysis and network upgrade recommendations presented to the engineering team. (All to improve the smooth running of the network.)