

## PEP Talk

IRITRON has extensive experience with the automation of material handling systems, the most recent of which was for FOSKOR. The mine in Phalaborwa processes Pyroxenite from the north and south pits and

reclaims foskorite from depleting surface stockpiles, all of which contain phosphate. The phosphate rock is used to produce phosphoric acid for use in fertilisers, animal feed and certain preservatives.” (Massive crusher

for Foskor, Mining Review Africa, Issue 6, 2007, pg 64) IRITRON was asked to design a cutting edge control system for Foskor on this expansion project which would meet with their in-house standards.



IRITRON designed, engineered, installed & commissioned the instrumentation, control system and CCTV monitoring system for the PEP 1 Project. The solution made use of strategically placed remote I/O panels which enable cost effective cable installations. The panels were designed to be expandable in future and network distribution boxes were placed in the substations for easy connection to the control network. The whole project was completed in twelve months, of which the last four months were spent on installation and commissioning. The level of integration from P&ID through to every facet of engineering reached new heights. The design and engineering were done on DesSoft 1Des which is a first for Foskor and this guaranteed the integrity and accuracy of the data.

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*Top: A buzz of activities taking place on the new crusher and stockpiling site of the PEP project.*

*Middle left: IMS workshop during testing of new crusher*

*Middle right: New crusher being installed on site*

*Left: South stockpile with first feed from the crusher*

*Right: Allen Heyneke in the control room during the CCTV camera installation activities.*



Cont. from page 1

**The value gained by the client was:**

- An automation solution that closed the gap between drawings, electrical connections in the field, physical installation, software and SCADA needs.
- Extensive information captured in good documentation by means of DesSoft – 1Des.
- Full intelligent P&ID design which maximizes the integrity of the data to the control system.
- Custom blocks for all I/O types and devices
- Custom SCADA interface mimics to maximize field maintenance
- a CCTV camera system which can be expanded which gives an overview of all transfer points each with up to four cameras. The ease of future expansion was demonstrated by the client's request for an extra camera to be installed which took only thirty minutes to complete.



**The system installed contains:**

- Unity Schneider Quantum PLC's
- Adroit Supervisory Control and Data acquisition software which is crossed over to version seven software.
- Two hundred analogue inputs and six hundred digital inputs.
- Sixty analogue outputs and two hundred and fifty digital outputs.
- Fourteen variable speed drives.
- Ninety-six Schneider Tyses -T intelligent motor protection units.



*Top: First ore coming from the crusher to South stockpile*

*Middle: Ore from south stockpile travelling on the long new conveyor system*

*Right: Standing from left, ITRON's hardworking team: Herman van Deventer, Eric Jansen van Vuuren, Bernard Meyer, Chris Botes, Barry Rossouw, Erik Weyer. Seated; Chris Bosch, Allen Heyneke and Reghardt Marcus. Well done guys!*

# Spirit of Spring



Izelle & Lufuno



Annie & Rene

Below: IRITRON's feminine "force"



Naomi, Nicky, Beatrice, Marie & Nadia

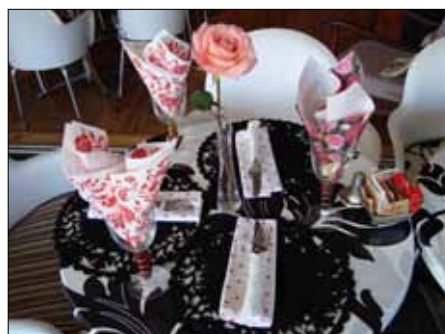
It is tradition at IRITRON that all the "sectrefairies" celebrate the start of spring together with a lovely breakfast. This year all the ladies working at Selepe Projects, Iritron Products and Iritron went to Monaco for a lovely spoil. Thank you Alwyn, Annie, Johann and Andre!



Merriam & Maria



Above: Nicolize (front), Nadia, Janine & Elmarie



Pretty table decorations



Suzaan, Antoinette & Judy

# Surprise and delight



Customers usually expect businesses to respond to their needs when making routine requests during normal business hours. But, when businesses “colour outside the line”, customers often receive exceptional experiences.

- When Michael Cage embarked on an all night project, he decided at 5 am to take a break and go to his favourite Starbucks for a vanilla latte. Low and behold, all was dark and closed. Imagine his surprise when the door flew open and his barista (manager) stepped out and asked him if he wanted something to drink, and whether it would be his normal favourite? As Michael says “Starbucks get it.” Get what? A customer for life!

- When a local library relocated, the local Starbucks barista heard that she was to lose daily customers, the librarians. She tracked

down the closest Starbucks to where the new library was, rented a bus and took them over for a get together with her counterpart, including a coffee on the house – served in the bus!

- When Peter Nicholls (a British Professor) slipped and fell outside a Starbucks in Kuala Lumpur, three Starbucks owners (employees) did more than serve coffee; they rushed out, picked up the luckless professor, hailed a cab, got others to mind the store, took Peter to the clinic and stayed with him during treatment. As Peter had left most of his money at the hotel, they initially paid for the treatment and the arm sling. Welcome service beyond the expected!

- When Mary went to “her” Starbucks, stressed out because it was tax return day in the USA, and asked for a cup of her fa-

vourite tea, the barista enquired if she wanted “calm” tea? “Calm” would be good,” said Mary. The barista replied: “Good because today Starbucks is offering a free cup of “calm” tea to all customers.” It didn’t wash away the tax pain, but Mary remembers that drink to this day.

- To celebrate summer and “National Ice Cream” month, baristas served one million ice creams at 6 000 Starbucks locations free for an unadvertised “ice cream social”. No big deal? Fact is that Starbucks doesn’t sell ice cream at their stores!

When was the last time you were pleasantly surprised by a business? What memories do you have of unexpected extras that you encountered as a customer?

***That is the Starbucks way of life.***

# IRITRON InSite Info

Andre Roeloffze, Chief Operations Officer wishes to bring to the attention of all in the group that from November onwards, every first Friday of the month, a **communication session** will be held from 14:00 to facilitate sharing of information. Afterwards a “boere-wors roll” or something alike will be shared with those present. The venue for this is still to be confirmed.

Marietta Bettman, as Quality Management Survey process owner shares the following: During the past month various customers were asked to please fill in our **Quality Management Survey**. Without mentioning the names of

specific clients, the feedback was as follows;

- “Overall the work in all aspects excellent. You as IRITRON deliver excellent work for us and we are very satisfied with your performance.” Average score, 9/10.
- Another customer gave us an average score of 8/10 and he was especially satisfied (9/10) with the appearance and condition of our products.
- 8/10 average from another with a 9/10 for overall as a supplier and for being professional, friendly and responsive. 7/10 for both ease of contacting and for meeting delivery schedules and appearance and condition of our products.

- A difficult to satisfy customer said: “Maintain standards set and developed by yourselves and ensure skills and knowledge transfers are happening internally. Open communication and be transparent in project execution. Ensure sufficient resources are allocated to projects.” He gave us 8/10 for both ease of contacting us for product information, inquiries and feedback and for being professional, friendly and responsive.

The little bit of constructive criticism which was also given is being taken seriously and is being dealt with in order to improve our service even further in future.

## McCarthy Knights

# Charity Golf Day

IRITRON sponsored the first tee and instead of the usual shooters on offer at each tee, IRITRON invited the participants to take part in a game. For R5 destined for charity, each participant who could hit their golf ball onto the fair way, received a new golf ball. If they missed they were presented with a tee to help them get it right at the next tee. Most people enjoyed the challenge, took part and performed with mixed results. Equal amounts of balls and tees went with them to their next position on the course. IRITRON collected R1150 for the charity on the day.

Thank you to all those who took part and made it happen!



*Zak du Plessis, the TV personality and his playing partners also took part in our game for charity*



*Byl Bezuidenhout, Alwyn Rautenbach, Jacques Claassen and Marius Vorster*



*Kokkie Botha, Gary Simpson, Gareth Alborough and Adriaan Kloppers*

# Getting to Know Them

## Graham Hulley

**Your full name is?**

Graham John Hulley.

**What position will you be working in at Iritron?** Systems Engineer.

**When and where were you born?**

17 March 1981, Middelburg.

**Which star sign are you?** Pisces

**Where did you grow up?**

Middelburg.

**Are you married?** No.

**What pets do you have and what are they called?** A cat, Katya.

**Do you do a sport or have an interesting hobby? Why is it such fun to do?**

Play golf, squash, tennis, cricket, and do snowboarding and rockclimbing.

**What kind of holidays do you enjoy going on?** Anywhere sunny and warm, unless I'm going snowboarding, I also enjoy being out in the bush.

**If you could choose the menu for tonight's meal, what would you like to eat?** Steak, medium rare.

**Your favourite restaurant is?**

Don't really have one.

**Your favourite sport to watch is?** Rugby.

**What are you passionate about?** I am passionate about my sport and the things I enjoy doing.

**What do you dislike?** Dishonest people and vanity.

**What are you most afraid of?**

Not doing or achieving the things I want in life.

**What dreams do you have for the future?** Obtaining my PPL, settling somewhere long enough to buy my first property.

**Best advice you have ever received?** Life is travelled in one



*Graham Hulley*

direction, live it with no regrets.

**Best advice from you to others or what lesson has life taught you so far?** Life is too short to be unhappy, be grateful and friendly because life is full of interesting things and people if you take the time to know them.

## Bruce Dragt

**Your full name is?** Bruce James Dragt

**What position will you be working in at Iritron?** Senior Systems Engineer

**Date and place of birth:**

31 July 1980 in Pretoria

**Your star sign is?** Leo

**Where did you grow up?** Pretoria  
**Are you married?** Yes, to Tanya (nee de Beer) about two months ago.

**Do you do a sport or have an interesting hobby?** I have several hobbies; gym, golf, mountain biking and radio control aircraft.

**What kind of holidays do you enjoy going on?** A break away to the bushveld.

**If you could choose the menu for tonight's meal, what would you like to eat?** Pizza

**Your favourite restaurant is?**

Karoo Cattle and Land

**Favourite sport to watch?**

Formula One Grand Prix.

**What are you passionate about?**

Motorsport, motorcars, basically anything with wheels and an engine.

**What do you dislike?** Arrogant or rude people.

**I am most afraid of?**

Probably snakes and other such creepy crawlies.

**What dreams do you have for the future?** I have too many to mention them all but I would someday like to build my own AC Cobra replica kit car.

**Best advice received?** I like the words of advice offered by the Baz Luhrmann song entitled "Wear Sunscreen".

**Best advice from you to others?**

Make the most of every opportunity and never give up!



*Bruce Dragt*



## Walk For A Great Cause



Streams of pink clad people (+/- 24 000 women and many men dressed-up as ladies) walked to fill up the streets near the Supersport stadium



Thanks for your participation in walking for a good cause; the money raised in SPAR Walk/Run held in Centurion, Pretoria this year went to Chrysalis (R150 000 for abused teenage girls) and the rest went to Good Morning Angels (R50 000).

*At the finish of the Spar Woman's 10/5 km run/walk; Nicole, Elmarie, Janine, Nicolize, Antoinette, Marietta, Suzaan & Nadia in the foreground.*

# Small Talk

*Congratulations to Kokkie and Roelien Botha on their 48th wedding anniversary which they celebrated on 6 October.*

*Marie Herbst daughter Ancha married Cornel Kitching on 23 September. May the happy couple be fruitful and happy together in all respects. Congratulations!*

Congrats to Miriam Phogole who is expecting a baby in two months from now.

*Good luck to Ettienné Boshoff who is hard at work trying to achieve his Personal Pilot Licence*

- Welcome back after the operations to your feet Johan!
- Welcome back to Alwyn Rautenbach, Andre Roeloffze and Jaco du Toit after your extensive trip to the USA

*Well done to Danielle Simpson on becoming a prefect at Crawford College*

# Wildfees 2010



*Reghardt & Zinta Strydom*



*Mother & daughter; Dulce & Sophia Anjinho*



*Francois & Suzaan Fouche*



*Rene Steyn & Ruan van Rooyen*



*Gareth Alborough & Nicole Siebrits  
Left: Janine Bezuidenhout & Herman van Deventer*



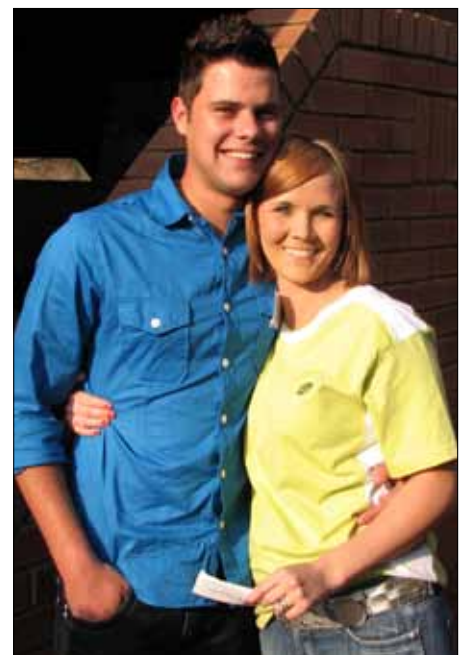
*Linzi van de Merwe & Brad Keyter*



*Jaco & Annalize du Toit*



*Ignus & Riette Schutte*



*Carlo & Nicolize de Klerk*



*Ignus Schutte, Alwyn Rautenbach en Marius Kotze*



*Tobie Esterhuizen, Peet Reynecke and Chico Anjinho*



*Father, son; Johann, Alex Pienaar*



*Antoinette Prinsloo & Francois du Plessis*



*Ciska Wiid, Nadia Cronje & Annie Rautenbach*



*Mike Armstrong & Janine Bezuidenhout*



*Janine Bezuidenhout & Danie Smit*



*Elmarie Zimmer was a badge magnet*



*Marius Kotze enjoying a glass of wine together with his friends*



*General revelry to herald the arrival of spring. The Wildefees rocks!*



*Suzaan Fouche & Elmarie Zimmer*



*Johann Pienaar*



*Adriaan Kloppers*



*Adriaan Kloppers, Suzaan Fouche, Danie vd Merwe, Elmarie Zimmer, Janine Bezuidenhout, Nicole Siebrits, Izelle v Straaten, Rene Steyn & Marietta Bettman*

## Casual Day

“Dress For Laughs!” was the 2010 theme for casual day and laugh we did on 3 Sept! According to Casual Day organisation their aim is to collect R20 million but by end of Oct, only R9.2 million was received. The money goes to the following beneficiaries: National Council for Persons with Physical Disabilities in SA, SA National Council for the Blind, DEAFSA, Epilepsy SA, SA Federation for Mental Health and Disabled People SA. The IRITRON team photo has been entered in this year’s competition. For more details see: [http://www.casualday.co.za/photo\\_comp.htm](http://www.casualday.co.za/photo_comp.htm)



*Naomi Scholtz*



*Nicky Simpson*