



ICT MAGAZINE

Issue 1 - 2018

A BIG THANK YOU

FOR 40 YEARS OF COOPERATION AND
DEDICATION

JOS BLEIJE, CEO ICT GROUP

FRIESLANDCAMPINA

SPAARNDAMMERTUNNEL

MEET BERNARDO

SMART CAMERA VISION

SMARTER CITIES

SMARTER HEALTH

OUR ANNIVERSARY

KNOWLEDGE EVENT

A photograph of Jos Blejje, CEO of ICT Group, standing on the wooden deck of a ship. He is wearing a dark blazer over a light blue shirt and light-colored trousers. He is leaning against a white railing with a dark wooden handrail. In the background, the ship's structure and a city skyline across the water are visible under a clear sky.

THE IT WORLD EVOLVED EXTENSIVELY AND SO DID WE

Jos Blejje, CEO ICT Group

Jos Blejje, CEO of the ICT Group management board, is a proud, satisfied man. He looks back on a particularly successful 40th anniversary, a spectacular party on the S.S. Rotterdam being the absolute highlight. In this new magazine he would like to thank everyone again for their contribution during those 40 years. He would like to look back one more time but also look forward to all the exciting projects and developments that lie ahead.

THANKS FOR THE VISION, LOYALTY, COOPERATION AND DEDICATION

To start off, I would like to thank our founders, Gerard Sanderink and Hans Quellhorst, because they are the reason for our existence. 40 years ago, at a time when IT was slowly emerging from mechanics, they had the foresight to correctly assess the potential of IT and act accordingly. In addition, I would like to thank those for whom we do everything: our loyal clients. And the reason why our clients remain loyal to us, is because of our staff, who give their very best every day to ensure that our clients remain satisfied. If you ask me what I am most proud of, looking back over those 40 years, it must be our people. Where others give up, they carry on in order to resolve any difficulties. Last but not least, I would like to thank our shareholders, who ensure that there is stability. 2018 is a special anniversary year. Also Improve and InTraffic have something to celebrate: their 20th and 15th anniversary, respectively. As such, I would like to congratulate them warmly.

We are also proud to announce that ICT Group has been nominated for the Computable Awards 2018 in the category ‘Best Service Integrator of the year’.

A TRUE PHOENIX

An anniversary is a good opportunity to look back. Yet I am not particularly inclined to do this. The IT world has evolved so extensively during the past 40 years that this company can’t be compared to what it was in the past. We have had to reinvent ourselves several times. Not only has technology changed but also the way in which business is conducted. Nowadays you can only make a contribution if you are able to structure a number of complex factors within a technologically networked environment. Our ability to rise to every challenge is also evident from the fact that we survived three “historical” moments. We had the millennium spectacle, the internet bubble in 2001 and the financial crisis of 2008. If you can survive all of this, you have certainly earned your right to exist.

DRIVEN BY CURIOSITY AND KNOWLEDGE

Our motto is “Making the world a little smarter every day”. We don’t take giant leaps, but make sure we take a single step forward every day. This is in the DNA of our company and our staff. We are driven by knowledge and curiosity. This means that we attach a great deal of importance to training within our “ecosystem”. We have opted to invest in people, in education, in capacity and in technology, even in difficult years. During the crisis of 2014 we hired 100 new people. We bucked the trend completely and doing so has allowed us to emerge from this crisis successfully.

***"We have opted to invest in people, in education,
in capacity and in technology, even in difficult years"***



LOOKING AHEAD TO A BRIGHT FUTURE

In striving for continuous improvement, we focus on three pillars: Smarter Industries, Smarter Cities and Smarter Health. Interesting developments are occurring in all of these three areas which tie in with the intrinsic strengths of our company and fit in with our philosophy. We have the technology to make industrial processes smarter and more sustainable. If you examine urbanisation in the world, you will see that it presents a range of opportunities to make our cities cleaner, smarter and safer. Examples include water management, drinking water supplies and waste water purification, but also road and rail infrastructure and waste processing. And in the healthcare sector we help specialists to make more accurate diagnoses and to do so more quickly, allowing for more effective treatment of patients.

BETTER THAN THE HUMAN EYE

In the coming years the field of Artificial Intelligence will continue to develop. We are currently examining asphalt degradation for BAM. A computer analyses the images captured by a camera driving along the road. This project has been going on for about three months now and the computer is as good as the human eye in 85% of all cases. The last 15% will probably require another year, but there will come a time when the analysis conducted by the computer based on what it is taught, will prove to be superior to that of the human eye. In the near future, the computer will even see damage which is yet to occur. As a result, it will be possible to plan and act preventively, avoiding traffic jams that occur as the result of emergency repairs.

TECHNOLOGY KNOWS NO BOUNDARIES

What will also become important in the years ahead is recruitment of new talent. Technology is international and we now have 29 nationalities in-house. Our country has a welcoming business climate and an open mind for all cultures and nationalities. Our people are team players. At ICT Group you will not find ego-driven individualists. Here we work together on splendid projects in which all involved share responsibility. A wonderful project gives people intrinsic motivation. It happens that colleagues approach me when they lack a wonderful project to work on. Can you imagine that happening in any other sectors?

A man, Paul van Bommel, is sitting in a lush green field with several brown and white cows. He is wearing a blue and white checkered shirt and blue jeans, and is working on a laptop. The background shows a cloudy sky and some trees in the distance.

TWO MILLION LITRES OF RAW MILK A DAY NOW THAT'S A CHALLENGE

Paul van Bommel, Technical Specialist ICT Group

FrieslandCampina's new, ultra-modern milk processing plant in Leeuwarden is about to be commissioned for 24/7 milk processing. An automated evaporation and enrichment process will convert two million litres of raw milk a day into various evaporated milk products. ICT Group played an important part in the realisation and implementation of the project.

IT'S A REAL KICK TO SEE YOUR SOFTWARE BRING THE FACTORY TO LIFE

One of the ICT professionals involved in the project was technical specialist Paul van Bommel. Two years ago, he strengthened the team tasked with implementing Wonderware software for the project. For Paul, this was the perfect opportunity to gain more experience with Manufacturing Execution Systems (MES) and to learn the ins and outs of the software package.

DARK FACTORY IN A GREENFIELD

Everything is fully automated in the new high tech factory. 'One of the requirements was that it had to operate as a dark factory,' says Paul. 'In other words, one that runs with minimal operator interference. Theoretically, you could switch off the light and the factory would continue to run. The systems were designed with this in mind. All systems can communicate with each other and know what the others are doing. The advantage is that the new factory is a greenfield, meaning everything was built from scratch, including the hardware and software. I love that.'

SAP AND WONDERWARE

The biggest challenge for Paul and his team was implementing the Wonderware software. This type of software enables different layers in a system to communicate with each other. 'You can compare it to a pyramid that consists of three layers. The top is the SAP layer, which is where the orders come in, and has the least information. Under that is the Wonderware layer, which translates the order to the control layer underneath. That layer controls production. During the entire process, the minimal amount of data that enters at the top layer is increasingly enriched so the control layer – the base of the pyramid – has enough parameters to work with. Our job was to design and further develop this process.'

*"I love engineering, figuring out how things work,
and building things"*



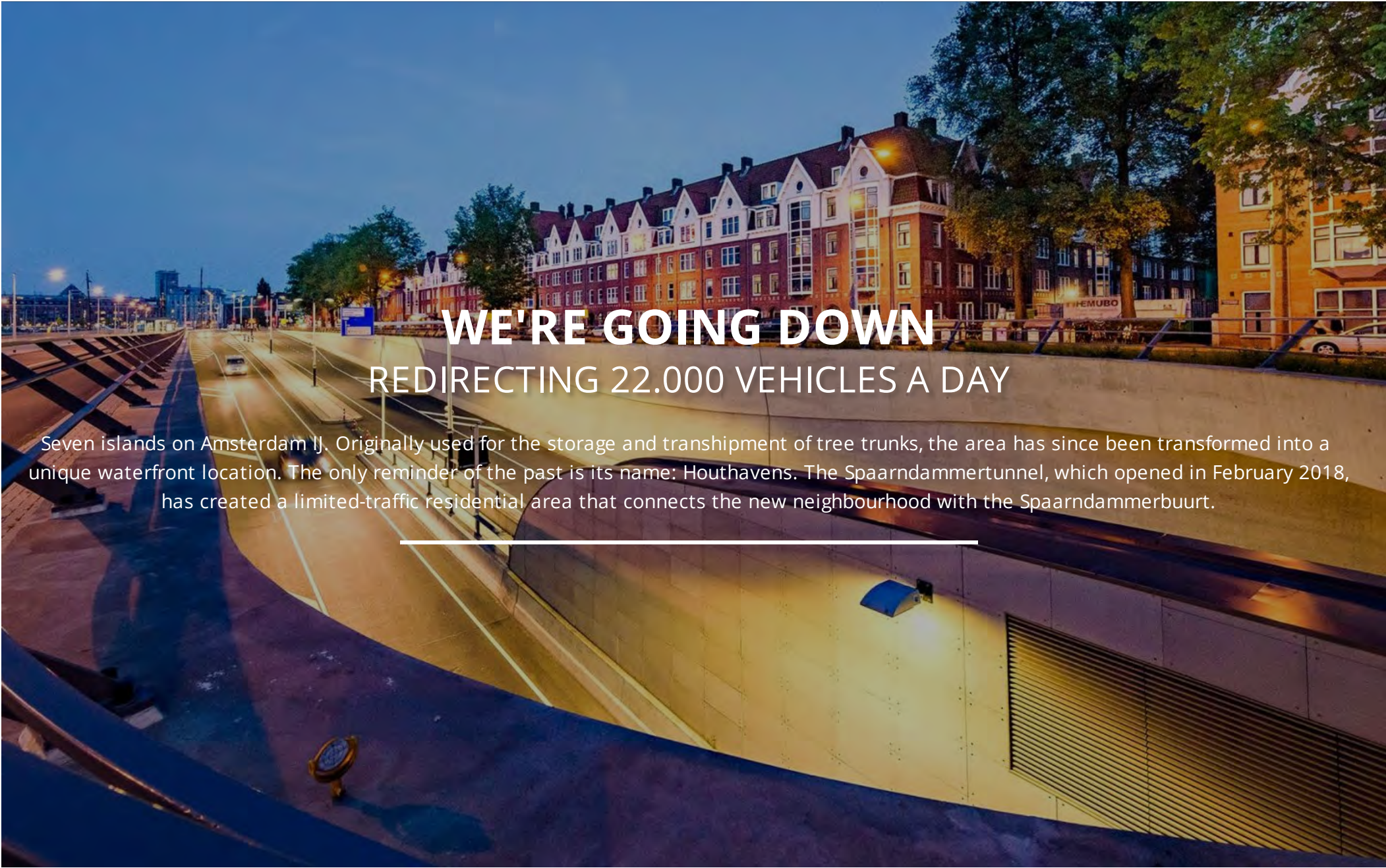
LEARNING EXPERIENCE

Every project is a great learning experience. There are always things to be reinvented, tested and checked. Sometimes, this calls for additional training programmes for employees. 'I had no experience with Wonderware, so I took a course,' says Paul. 'You first get to know the platform and then start focusing on the specific details. A simple comparison: first you learn Windows, then you learn Word. After that, the project is learning by doing. You also have to understand the milk process in the factory. There's a lot more involved in converting raw milk to coffee milk than you'd think.'

THE MAGIC MOMENT

After months of work, meetings, measurements, tests, research and feedback, the moment finally arrived to commission the system. 'I'm a real techie,' says Paul with enthusiasm. 'I love engineering, figuring out how things work, and building things. But the best part is the moment when your software engineering work brings the factory to life. That magic moment when you press the button and everything starts humming, spinning and moving; water starts to flow through the pipes, there's noise and yelling and everyone is enthusiastic. And they should be: the factory just came to life.'

Read our case study ['FrieslandCampina gets the most out of milk with Smart Factory'](#)



WE'RE GOING DOWN REDIRECTING 22.000 VEHICLES A DAY

Seven islands on Amsterdam IJ. Originally used for the storage and transhipment of tree trunks, the area has since been transformed into a unique waterfront location. The only reminder of the past is its name: Houthavens. The Spaarndammertunnel, which opened in February 2018, has created a limited-traffic residential area that connects the new neighbourhood with the Spaarndammerbuurt.

The tunnel redirects through traffic underground to create more space above ground for nature, walking and cycling paths, and public transport. 'The existing road was a moving barrier between the two neighbourhoods. The creation of the 800-metre-long tunnel, 470 metres of which is covered, made it possible to redirect the 22.000 daily vehicle operations underground. In addition, the southern tunnel wall serves as a flood defence. Should the IJ river break its banks, Amsterdam would still be safe,' explains Sjoerd Bakkum, Project Organizer at Max Bögl.

STRONG TEAM

The entire project, including the construction and technical installation of the tunnel, was awarded to Max Bögl. The construction company took an innovative approach by designing a structure that uses half the number of poles and causes virtually no noise pollution thanks to the unique construction method. According to Bakkum, this was the deciding factor that prompted the Municipality of Amsterdam to award the project to them. 'For the technical installations we chose OSMO, a German company that has demonstrable experience with deliveries and installations.' This was a strong team, according to Bakkum, were it not that the legal requirements surrounding the design and testing process in the Netherlands were fundamentally different than those in Germany. 'We realised well before construction began that we lacked the necessary knowledge.'

ADVISOR

They were assisted by project manager John Voeten of ICT Group. 'Testing tunnel systems is part of our core business,' says Voeten. 'We understand the requirements set by the Amsterdam tunnel standard and know how to demonstrably meet these. That makes us a suitable consultant.' Bakkum agrees. 'The method ICT uses - the V-model - allowed us to identify and address issues at an early stage. We only started the next phase once the previous phase had been tested and approved. ICT Group determined which tests were critical and which weren't, thereby reducing the overall number of tests.'

***"Because of this mutually beneficial relationship,
we achieved more with less effort. The result is
an impressive product!"***

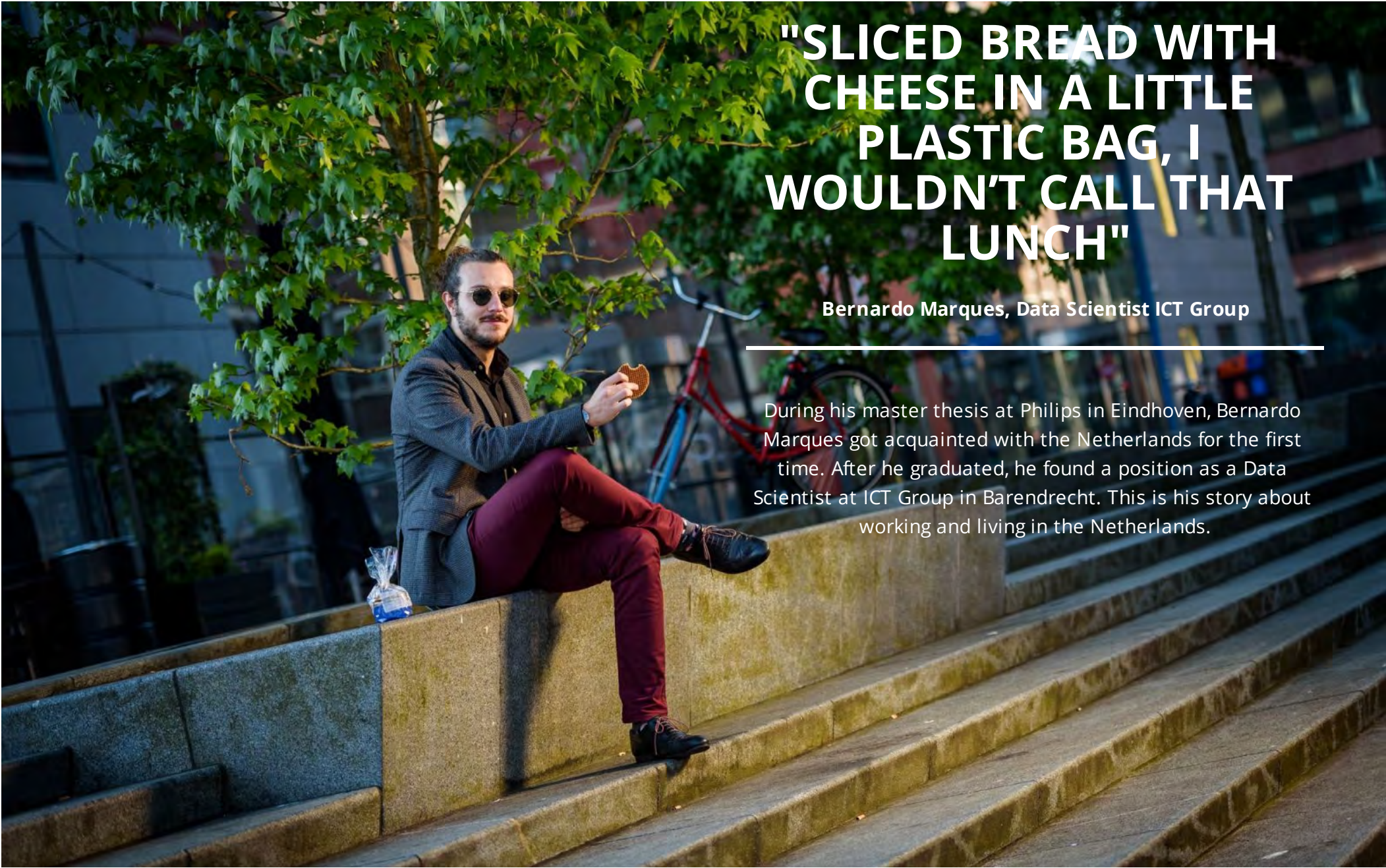
ADDED VALUE

Initially hired to play an advisory role, the fifteen-person ICT group soon demonstrated their added value in the field of design and programming as well. 'We were given plenty of freedom within the established framework to innovate as much as possible,' explains Voeten. 'This allowed us to offer the best possible solution before construction even began, such as the possibility to predict when an installation or system will fail and when it requires maintenance.' Sharing feedback, advising, and initiating optimisations, both in the design and the test phase, accelerated and simplified the process, which in turn saved money.

COLLABORATION

In terms of collaboration, all three parties were more than satisfied. The Municipality of Amsterdam was particularly pleased with the progress of the project. 'We maintained constructive contact with each other, even when there were problems and when things didn't go as planned,' says Bakkum. 'Because of this mutually beneficial relationship, we achieved more with less effort. The result is an impressive product!'



A man with a beard and sunglasses, wearing a grey blazer and maroon trousers, is sitting on a set of wide stone steps. He is holding a round cookie in his right hand. Behind him is a green tree and a red bicycle parked against a railing. The background shows a city street with buildings.

"SLICED BREAD WITH CHEESE IN A LITTLE PLASTIC BAG, I WOULDN'T CALL THAT LUNCH"

Bernardo Marques, Data Scientist ICT Group

During his master thesis at Philips in Eindhoven, Bernardo Marques got acquainted with the Netherlands for the first time. After he graduated, he found a position as a Data Scientist at ICT Group in Barendrecht. This is his story about working and living in the Netherlands.

A NEW CAREER, A NEW FUTURE

ALMOST 30 NATIONALITIES AT ICT GROUP

CHOOSING THE MORE INNOVATIVE COMPANY

I came to work for ICT Group through a friend of mine, who I knew from the University in Lisbon. We both did our master thesis in the Netherlands. He was already working for ICT Group and his stories made me very enthusiastic. So when a position opened up for a Data Scientist, I went to an interview and the rest is history. I already had offers from other parties but for me ICT Group was the most innovative company.

ON PAR WITH THE RESEARCH WORLD

At ICT Group I work at the Digital Transformation Unit and I work with technology that is pretty much on par with what the research world is doing. I implement algorithms and use algorithms that are published in papers this year. That's incredible! One of the projects I've been working on was developing Artificial Intelligence (A.I.) solutions for BAM Infra. Thanks to A.I. a machine automatically recognises damage to road asphalt. The more the machine learns, the better it can predict weak spots in the asphalt and therefore fulfil a preventive role.



GREAT GUIDANCE HELPED GETTING STARTED

I have been working here for a couple of months now and I feel very much at home. The only struggle was finding a nice house, which took me a month, but I got great guidance from ICT Group. They assigned a person to me that helps with the integration of expats. I could easily reach out to her and she helped me with practically everything: housing, opening a bank account, getting registered, and those kinds of things. And on top of that she gave me lots of practical tips.

WORKING APART TOGETHER

Teamwork is important at ICT Group. I feel accepted in my team, we talk a lot, so we really know what everyone else is doing. Once a week, we work together in the same office. Discuss progress made, exchange ideas, and make plans for the next steps. The rest of the week we work individually on the same project. Working here also means learning new things. Sometimes you get a surprise and you have to find your own way to solve it. For example: you get some new software you've never worked with before, together with the message: learn how to deal with it!

"When it says 'kip' on the package, there's no beef inside"

A very positive thing about the Netherlands: everyone's English is perfect. I never had a single problem not speaking Dutch. I'm going to do a Dutch course though and ICT Group is helping me with that. I do have a tip for other employees from abroad: learn the names for food in the supermarket. It's handy to know that when it says 'kip' on the package, there's no beef inside.



GET ON YOUR BIKE AND GO

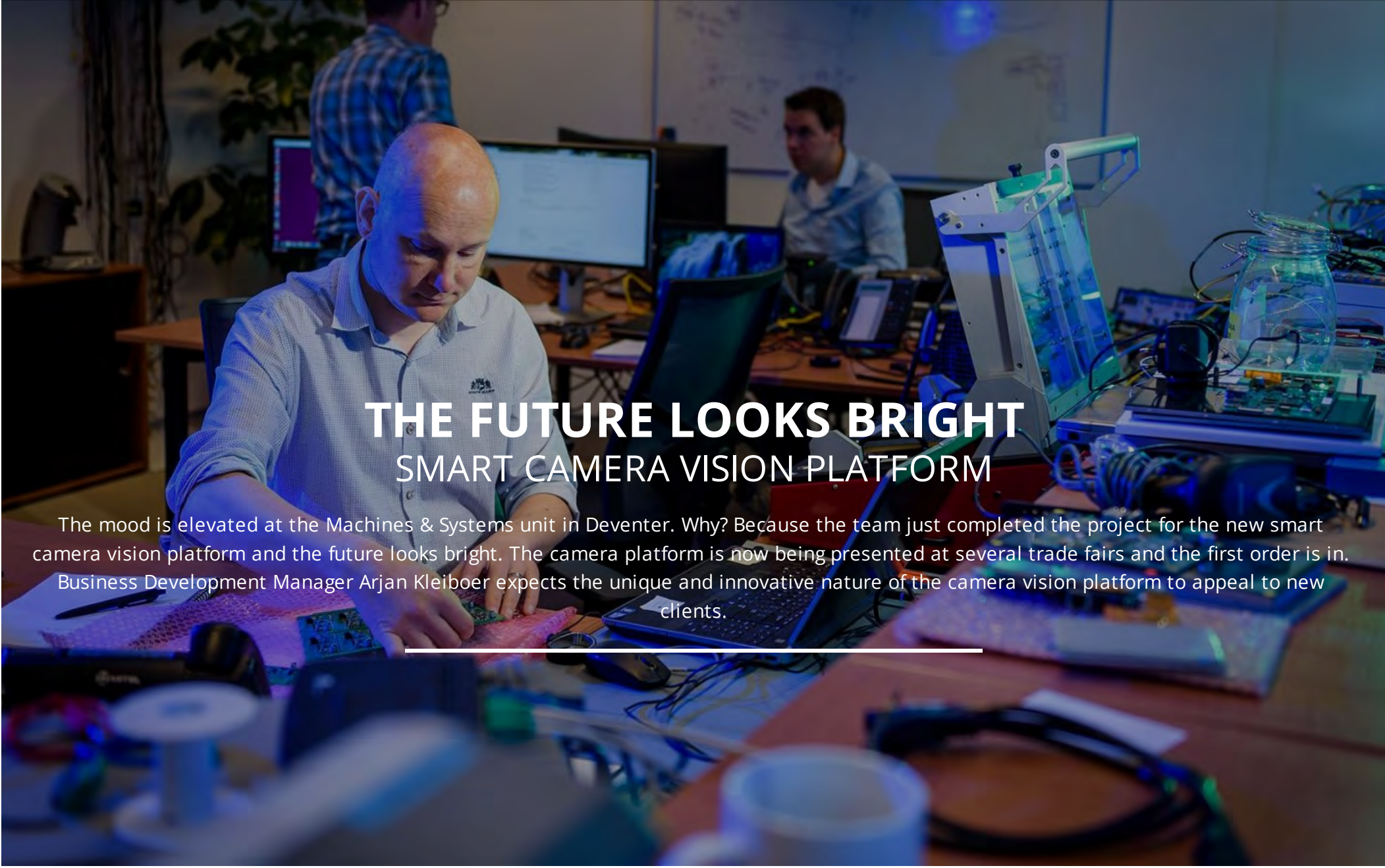
The weather in Holland is definitely far from the best. But there are plenty of other things about the Netherlands that are great. For instance, the fact that I can pretty much cycle everywhere. I absolutely love that whole bicycle culture in Holland. It's easy and relaxed.

Another thing I like is the central location in Western Europe. Everything seems nearby. If I want to go to Antwerp or Brussels this weekend, I just hop on a bus and go. Or I can grab my car and I'm in Paris in 5 hours. I also enjoy visiting other cities in the Netherlands. They are alive and there's a lot going on. And again, close by.

A THING CALLED LUNCH

The food culture in Holland is different than ours, to put it mildly. In my country we take a long break for lunch and have a big full meal. Here at ICT in Barendrecht, everybody brings his own lunch. Most of the time that is sliced bread with cheese in a little plastic bag. For me, it would be unthinkable. But there are great supermarkets here which sell amazing salads. So I bring those or something I made at home.

Another thing is your mashed food. Since us Portuguese eat with our eyes as much as with our mouths, the look of it is not very encouraging. But I'm willing to try everything at least once. We do have things in common though. You like cheese, I like cheese. And your famous stroopwafels, I just love them.

A man in a light blue shirt is focused on working on a circuit board at a desk in a workshop. The desk is cluttered with various electronic components, tools, and a laptop. In the background, another person is visible working at a computer, and the room is dimly lit with blue ambient lighting.

THE FUTURE LOOKS BRIGHT

SMART CAMERA VISION PLATFORM

The mood is elevated at the Machines & Systems unit in Deventer. Why? Because the team just completed the project for the new smart camera vision platform and the future looks bright. The camera platform is now being presented at several trade fairs and the first order is in. Business Development Manager Arjan Kleiboer expects the unique and innovative nature of the camera vision platform to appeal to new clients.

Most clients looking for specific camera systems for their industrial environments find the market to be limited. While there are technical solutions available, most of these are too pricey. 'Many clients can put something together using standard components' explains Arjan Kleiboer.

'A standard market camera, the right housing, and your own platform will get you a long way. But if you take it a step further, you start to see that things don't seem to fit. It's too big, too complex, or requires too many products, which ultimately drives up the price, especially when you're working with large quantities. In other words: the technical know-how is there, but it's not cost-effective. That's where we come in.'

UNIQUE COMBINATION

The strength of Machines & Systems is developing products for clients who are unable to find them on the market. The new camera vision platform is an excellent example of this. 'It's a client-specific solution with several unique features,' says Arjan with pride. 'Images can be processed on the camera itself thanks to its huge processing power. The network structure also differs from the average IP camera: the system can be looped through the Ethernet, which reduces the number of cables needed. It also has an industrial housing that has extremely high water-proof, dust-proof and acid-proof properties. These three elements combined make our new product entirely unique.'

***"Our strength is to develop products for clients
who are unable to find them"***

CUSTOM MADE

The camera vision system works with an open platform on which clients can create their own applications. 'It runs on a Linux-based platform,' Arjan continues. 'The best part about this system is that clients can use standard vision software like Halcon or write their own application software. Our client chose the latter. While this may be a bit more labour-intensive than programming with Halcon, they understand the specifics of their industry better than anyone, which means we could offer them a custom product. Paired with the aforementioned features, this was the icing on the cake for our client.'

ENDLESS APPLICATION POTENTIAL

The new system can be used in various fields, including the egg industry. 'One possible application is to use the camera to check eggs for cracks, shape, blood, etc.,' explains Arjan. 'Depending on the number of properties to be checked during processing, it may be possible to install looped cameras. The cameras assess the egg images and transmit the results to machine control, which determines what to do with eggs that don't meet the requirements. The camera has to be water-proof and dust-proof, as both are present in an industrial environment like this. Our camera fits the bill perfectly!'



A photograph of two men in business attire talking outdoors. The man in the foreground is older, with white hair and glasses, wearing a dark suit and a white shirt. He is looking towards the other man. The man in the background is younger, with dark hair, wearing a grey blazer over a blue shirt. They are standing in front of some greenery and a building.

HOW TO KEEP THE NETHERLANDS ACCESSIBLE

MOBILITY AS A SERVICE

How will we keep the Netherlands accessible for everyone in the decades to come? This is an issue that has raised concern among various parties. One thing's for sure: urbanised regions will become increasingly busier, while sparsely populated areas will face fewer public transport options.

Because road pricing schemes and other projects failed to get off the ground - or in the case of rush hour avoidance, did not produce the desired results - all eyes are now focused on innovative solutions. Solutions like a digital platform that offers and combines all forms of mobility. In other words: Mobility as a Service (MaaS).

ACCEPTING THE CHALLENGE

The big question is: who will get the ball rolling for this digital mobility platform? To put it another way: is MaaS really going to happen? One of the parties currently addressing this is ICT Group. The Water and Infra unit had previously focused on infrastructure issues and with the recent acquisition of InTraffic and NedMobiel, ICT Group believes it can jointly tackle the issue of mobility. Roel de Backer (ICT Group), Bert van Elburg (InTraffic) and Dirk Grevink (NedMobiel) are brainstorming about the challenges and opportunities of MaaS.

FROM POSSESSION TO USE

MaaS has been a market buzzword for a while. 'Now is the time for change,' says Bert van Elburg. 'The current generation is growing up with using things instead of owning it. Just look at the success of streaming services like Netflix and Spotify. And thanks to services like Uber, more and more people are being introduced to the convenience of digital platforms.' Dirk Grevink agrees. 'Mobility as a service that you can buy with your smartphone: that's the direction we're heading in.'



DELIBERATE ACQUISITION OF INTRAFFIC AND NEDMOBIEL

If there's one thing these gentlemen agree on, it's that the complex challenges surrounding MaaS can't be solved alone. 'There's a reason ICT Group has focused so strongly on acquisition in recent years,' says Roel de Backer. 'The acquisition of InTraffic and NedMobiel fits our strategy of extending our 'Smarter Cities' field to include smarter mobility. We now have the knowledge and skills we need to take the next step.'

THE WHOLE IS SMARTER THAN THE SUM OF ITS PARTS

Bert takes over, adding: 'The synergy advantages are staggering. The embedded knowledge within ICT Group can help with smart cars and smart traffic systems, and NedMobiel has excellent expertise in the field of smart mobility and payment models and experience with major government projects. When you add InTraffic's years of experience in the railway sector, the transition to a smart platform is definitely possible. But the market is still in its infancy. At this point, everyone's a pioneer.'

"The synergy advantages of combining knowledge and expertise are staggering"

Bert van Elburg, Managing Director

I WANT A TOWBAR

Dirk sees the behavioural changes that are necessary for MaaS as one of the challenges. 'People are stuck in patterns. Instead of a lease budget, you could offer a mobility budget and a subscription for shared cars and public transport, but then you'd still get discussions about towbars and car seats in shared cars. That's not an argument employers are waiting to have. There are also issues with respect to taxes. If you take a smart approach to mobility, reduce CO2 emissions and save money, you'll have the tax authorities knocking on your door. That's the wrong incentive from the same government. To solve this, the government has to think more integrally and we'll have to start working with parties outside our organisation.'

THE BLOCKCHAIN SOLUTION

Another issue within MaaS is data exchange. 'All transport companies have data, but don't want to share it due to privacy concerns,' explains Bert. 'ICT Group found a solution to this using Blockchain technology. We developed our own proof of concept; a small-scale project in which different modality providers are connected. Personal data is divided across several computers, all of which form the collective conscience. In other words: thanks to the Blockchain, all data is available, but the parties don't need all of it.'

AN EXTRA HOUR A DAY

What do they think the future has in store? 'I'd like to see mobility being just as accessible as streaming services in a few years,' says Bert. 'I want to wake up to a hologram projected from my mobile phone that tells me how I'll travel that day,' says Dirk with a smile. Roel adds: 'I heard of this great idea in Helsinki, where they want everyone to have an extra hour at the end of the day. Now that's how to take the debate surrounding mobility and accessibility to the next level.'





"A NEW DATA SYSTEM FOR SHM: DOING MORE IN LESS TIME"

Sima Zaheri, Deputy Director SHM

ICT Group and Stichting HIV Monitoring (Dutch HIV Monitoring Foundation, SHM) worked hard to create a new data system for SHM. This system is based on the LogicNets Framework. The platform improves the quality of data and thereby contributes to better monitoring of HIV patients. Sima Zaheri (deputy director of SHM), Raymond Beijen (LogicNets sales professional at ICT Group) and Peter Chao (LogicNets senior architect at ICT Group) discuss the project's development and the intensive collaboration.

IDEAL PARTNER

The partnership started in mid 2016. Several years earlier, SHM began developing an innovation process for their data collection system. Given that their current system would be phased out in the near future, this process was accelerated. With its LogicNets solution, ICT Group was selected as the best partner during the tender process. 'We were looking for a flexible system that could do more in less time, that was future proof and that could be seamlessly integrated with the AMC servers and IT infrastructure we use as a medical foundation,' explains Sima Zaheri. 'The LogicNets solution met all of these criteria.'

PROOF OF CONCEPT

SHM already had a preference for LogicNets during the presentation phase. 'This was mainly because of the decision support the system offers,' Sima continues. 'It was also important for us to have control of the functional management. As a foundation, this was a big investment for us. That's why we carried out a proof of concept and closely examined whether the system really did what we wanted it to do.'

TAKING TIME IS GAINING TIME

'We then entered the requirements phase,' Sima adds. 'Every point was described and discussed with the ICT team. We also took a close look at the needs and wishes of our user groups. It was a long process, but I think it's good that we took the time to define and discuss everything in detail. As a result, we knew exactly what the results would be and we managed to finish on time.'



MODELLING, NOT PROGRAMMING

From the very start, the goal was to have SHM build and model a large part of the application themselves. 'That's our platform's approach,' says Peter Chao. 'It was designed in such a way that you don't need an extensive IT background to build the application. It's more modelling than programming. We organised an intensive five-day training programme for the builders to teach them the basics of modelling in LogicNets. After that it was learning by doing.'

LOST IN TRANSLATION NO MORE

The advantage of LogicNets is that the client has total control. 'If you create a platform that lets clients develop their own forms and enter data into a database, you save considerably on IT translation,' adds Peter. 'If everything has to be translated into code first and that code then has to be verified, there's a good chance you'll find yourself lost in translation. That's now a thing of the past.'

THE RIGHT COORDINATION

One of the challenges SHM faced during the project was coordination between the parties. 'This was extremely complex,' says Sima. 'Especially early on, when we were extremely dependent on each other. We couldn't get started until LogicNets delivered on their end, until the IT department at the AMC made the necessary IT preparations, etc. We kept countless lists to determine who was responsible for which product and when. But that did help us achieve our goal.'

THE POWER OF PARTNERSHIP

Ultimately, four parties worked in close collaboration on this project: LogicNets, ICT Group, SHM and ADICT (the AMC's IT department). The project was therefore called LISA. Looking back, everyone remembers the dedication and the pleasant collaboration. 'What really impressed me was the professionalism that Sima and her team showed during this project,' explains Raymond Beijen. 'The effort and enthusiasm of the people who had to master a whole new world was also amazing.'

Peter agrees. 'I'd also like to compliment SHM. For an organisation that had never experienced a software project like this, it was impressive that they managed to go live within the timeframe.' Sima adds: 'The collaboration was excellent. We all worked hard to achieve a great result.'

Read the article ['Stichting HIV Monitoring implements ICT Group's Smart Data System'](#) for more information.

OUR ANNIVERSARY

When it's your anniversary, you treat.

On June 1st 2018 ICT Group celebrated its 40th anniversary. Four decades and thousands of innovative projects, with the focus to make the world a little smarter every day.



The closing of a festive month was a golf tournament organized by ICT Group on one of the finest golf courses in the Netherlands. The theme of the golf tournament was 'Children are the future', and it was organized for the benefit of a number of different charities, all of which aim to improve the well-being of children.

At the end of a very successful day, ICT Group was proud to donate an amount of €25.000,00 which was divided between the following charities: Dushi Huis, NSGK, Ronald McDonald Kinderfonds, Terre des Hommes, Kika Kinderen kankervrij, Villa Pardoes, Clini Clowns and Het Vergeten Kind.

Here's to the next 40 years! Here's to the future!

Let's make it happen!





ICT GROUP KNOWLEDGE EVENT: TRENDS & DEVELOPMENTS IN IA

On Thursday November 1st 2018, ICT Group organizes the inspiring ICT Group Knowledge Event: Trends and developments in IA for the second time. The evening is about solutions that help you make processes in industrial environments more efficient, flexible, simpler, safer, and more sustainable. Be informed and inspired about the trends and developments in Industrial Automation (IA).

Do you want to be informed about the trends and developments in IA and enter into a dialogue with ICT Group and other participants and companies about the future of Industrial Automation? Then visit this [Knowledge Event: Trends and developments in IA](#) in Nieuwegein. The evening is filled with presentations from prominent companies such as Siemens Nederland, Osisoft, Schneider, Raster Products, ICT Group, Zeelandia, OrangeNXT, ABB and Wonderware Benelux.

In addition to various presentations, there is sufficient time to visit the exhibition floor in an informal atmosphere during the various breaks, where you will have the opportunity to continue talking with the participating companies and maintain your network.

Impression

ICT Group Knowledge Event: Trends and developments in 2017. Watch the after movie from last year.



***"A great example of how ICT treats their clients
and partners. Co-operation, communication,
networking..."***

The Knowledge Event about Industrial Automation you can't miss out! Registration for this event can be completed on our Dutch website.
[Register here](#)



CONTACT

For more information, please visit our website or contact us.

Click on the button to watch our full corporate movie.



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