



**Employ your  
imagination**

**Engineering Talent Program**



# Where the **Best and Brightest** work on engineering's most complex challenges

**GREAT  
PLACE  
TO  
WORK**

Best  
Workplaces 2016

Category: Medium

Europe



NATIONAL  
INSTITUTE



For more than 40 years, National Instruments (NI) has worked with engineers and scientists to measure and control the world around us.

Through these pursuits, NI customers have brought hundreds of thousands of products to market, overcome innumerable technological roadblocks, and engineered a better life for us all.

# Our success is down to our remarkable employees.

We recruit **‘the best and brightest’** graduates and interns from technical, engineering and scientific degrees and put their skills to the test in a technically challenging and customer-focused environment.

To ensure innovation remains at the forefront of our business, we need people who are both creative and technically able; those who can take complex concepts and help customers to find innovative solutions to their challenges.



NI is a multi award winning business with many different awards under our belt. For example we are proud to have appeared in the top 25 best multilingual workplaces in Europe in 2016 according to Great Places to Work awards.

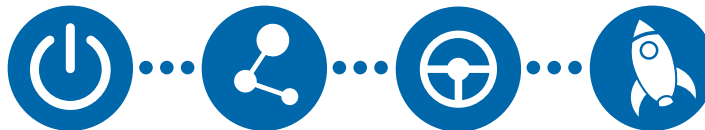


**Robert Morton**, BSc, MEng  
Vice President, EMEA

**We are committed to continuing to grow an inspiring work environment that emphasizes individuality, innovation, respect, growth and ownership. Our ‘People Advantage’ - hiring the best and brightest, creating a great work environment and offering superior employee development - is central to the long-term success of all NI stakeholders, creating and sustaining competitive advantage for us.**

# Case studies...

If you can turn it on, connect it, drive it, or launch it, chances are NI technology helped make it happen.





Turn it on...

# Semiconductor validation system for fingerprint identification chip used in mobile devices

## The challenge

Creating a fast and reliable test system for both manual characterization and automatic regression testing, to ensure that the first samples of a new sensor meets all the specifications necessary, and can continue to mass production as quickly as possible.

## The solution

Developing a PXI-based solution centered on a digital waveform generator/analyzer with PPMU, for a flexible and easy-to-use system that can test and characterize all required parameters, resulting in full test coverage.





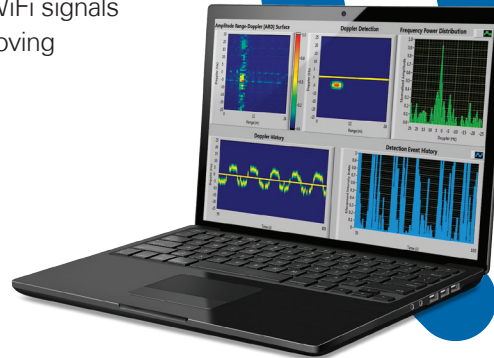
# Tracking WiFi signals to passively see through walls

## The challenge

Enabling undetectable surveillance, by monitoring movement through walls, using the wireless signals that already swamp our urban airways.

## The solution

Using NI USRP to lock onto a WiFi router, whilst simultaneously monitoring the same WiFi signals as they reflect off visually obscured moving targets.





Drive it...

# Building a flexible vision system for brake pad inspection

## The challenge

Developing a flexible vision system for a line that produces more than 1,200 different brake pad combinations, so that an operator can easily configure the system and create the vision inspection template from scratch depending on the product under test.

## The solution

Using NI Vision tools and LabVIEW software to build a highly flexible and robust vision system for the Scandinavian Brake System brake pad production line that has zero maintenance stops per day, which saves a huge amount of operation time.





# Developing ultraHD space cameras for live streaming planet Earth across the internet

Launch it...



## The challenge

Developing revolutionary ultraHD cameras capable of live streaming our evolving planet from space, with a ground resolution of 1m per pixel. The live streams will be accessible for anyone with a web connection on UrtheCast.com

## The solution

Using LabVIEW and NI FlexRIO to accelerate camera development and validation, ensuring this novel, cutting edge camera technology was ready for launch date. The cameras are successfully broadcasting video streams from the ISS.





## EMEIA

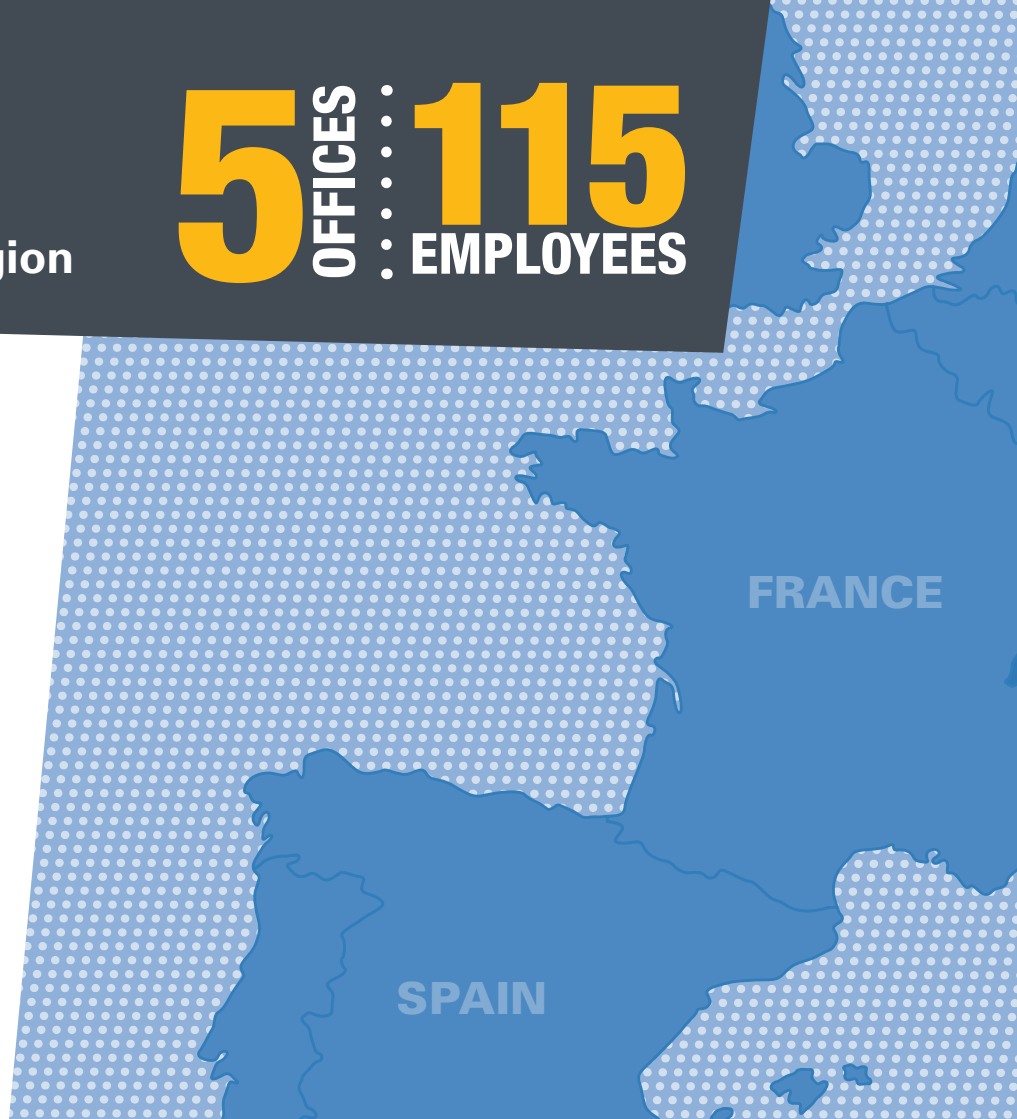
### Eastern European Region

**5** OFFICES : **115** EMPLOYEES

**NI Eastern Europe together with NI Central Europe form a bigger territory, that is one of the 4 subregions of NI in the EMEIA region.**

The Eastern European team in these offices provide local technical and customer support, sales and marketing services to customers in the region.

By having our employees close to their customers, we are able to provide responsive service that is tailored to the local needs of our customers.





Warsaw  
**POLAND**





Prague  
**CZECH  
REPUBLIC**

Celje  
**SLOVENIA**

Cluj-Napoca  
**ROMANIA**



**Budapest  
HUNGARY**

-  Regional Centre
-  Local Office
-  Eastern Europe Region
-  Central Europe Region

# Roles at NI

A man with short brown hair and glasses, wearing a light blue button-down shirt, is sitting at a light-colored wooden desk. He is looking towards the camera with a slight smile. On the desk in front of him is a black laptop, a blue pen, and several electronic components, including a National Instruments module and a breadboard. The background is a blurred office setting.

“Engineering challenges,  
personal cooperation with  
customers: the tailor made  
career I was looking for.”

**Tamás Román**

Master's Degree, Mechatronics, Robotics,  
and Automation Engineering  
Budapest University of Technology and Economics

# Engineering Talent Program

**Engineering Talent Program (ETP) training scheme is designed to deliver future leaders within our business.**

ETP is designed to give you maximum exposure to key areas of our business, which will form the foundation of your unique career with NI.

On this program, we focus on taking your current technical knowledge and complementing it with business acumen and interpersonal skills to allow you to move on to high impact roles across our company.

ETP drives the future talent to fuel our business, so your learning and development will be an important part of your journey.

## Interested?



For more information about our graduate program or to apply, visit:  
[hungary.ni.com/careers](http://hungary.ni.com/careers)



### Why you?

- Great communication skills and a desire to work with people
- Flexible attitude and bags of initiative
- Passion for technology and solving everyday problems through innovation
- On track, or achieved a strong result within Engineering, Computer Science or Physics disciplines
- Full driving licence for the EU



### We provide

- Ongoing support, guidance and training from day one and throughout the program
- Regular one-to-ones and feedback with your supervisor
- Two annual performance reviews to ensure your development is on the right track
- Professional courses to aid your development
- Competitive salary and extensive benefits




**“No two days are the same in terms of my work tasks - I have a constant chance to help solve our customers’ problems, lead the training for them and work on different projects.”**

**Michal Jadrny**

Master’s Degree in Mechatronics  
Technical University of Liberec

**NATIONAL  
INSTRUMENTS**  
Eastern Europe



**“Working for NI I truly felt like I could contribute to technology improvement. I got a chance to have insight into different industry’s future developments and I was a part of it!”**

**Anna Kurek**

Electronics and Telecommunication  
AGH University of Science and Technology, Cracow



# Summer Engineering Internship

## Interested?



For more information about our internship program or to apply, visit: [hungary.ni.com/careers/internship](https://hungary.ni.com/careers/internship)

**Our Summer Engineering Internship gives you the chance to be a full member of the team from day one.**

You will be training and working alongside our graduates. Your program will start with a one month training program where you will get to grips with NI technology and approaches to working with customers.

From there, it's real hands-on projects, and customer contact, with ongoing training and support from your team leader, as well as your peers.



## Why you?

- A desire to learn technical knowledge, as well as business and interpersonal skills
- Enthusiasm for working with customers alongside an entrepreneurial attitude
- Excited about our technology and solving real world problems
- On track for a strong result within Engineering, Computer Science or Physics disciplines



## We provide

- Ongoing support and development from day one
- Extensive training to quickly get you up to speed
- Plenty of development opportunities in technical, business and interpersonal skills
- Support and mentoring to help you complete your university requirements
- Opportunity to join our graduate scheme after graduation

# There is life at NI after ETP

ETP



To find out more about future careers at National Instruments, visit [hungary.ni.com/careers](http://hungary.ni.com/careers)

## Field Sales Engineer

Our Field Sales Engineers combine technical ability and problem-solving skills with their business understanding and industry knowledge to help customers solve their project challenges. This role helps to develop business acumen by directly influencing how the customer designs, prototypes, deploys and tests their products and is the main graduation area from the ETP.

## Applications Engineering Specialist

Our Applications Engineering Specialists work directly with our largest customers (onsite, as well as from our offices) as technical consultants to ensure they are successful in adopting NI products. The business insight and technical skills they gained from ETP ensures they fully understand our customers' technical needs and challenges, as well as the impact this has on their organisation, and work alongside them to ensure success. You will need to specialise after ETP in order to move into this role.

## Technical Marketing

Our Technical Marketing teams ensure that NI's products and vision are effectively communicated to both customers and colleagues within NI. They show off our latest products by creating exciting demos and hands – on seminars, as well as working on trade shows and events. They also work with technical trade press to bring NI's technologies to a wider audience.

## Systems Engineering

Our Systems Engineers specialise in products, technologies and industries. They act as technical consultants and advisors to our Field Sales team, as well as our customers, to ensure the right technical solution and system are chosen. Knowledge of our sales process gained through ETP helps them to work efficiently and effectively alongside our Field Sales team. Specialising after ETP will be required to move into this role.

**"I was attracted by working on amazing applications using advanced technologies at NI. Besides the great variety of technical challenges, I can develop my leadership skills too."**

**Ádám Cseh**

Master's Degree in Electrical and Electronics Engineering  
Budapest University of Technology and Economics



# SO, what next?

**Interested in a role at NI?**

**Then follow the steps overleaf to apply and start your challenging and rewarding career with the best and brightest today!**

At NI, the best and brightest doesn't mean grades to us. Instead it is about the skills and abilities you can bring to the role, such as passion for technology, strong communication and customer focus skills, coupled with ambition and problem solving.

As long as you meet the criteria outlined for each of our roles, then we look forward to receiving your application.

## How to apply:

**Ready to start? Go to:**  
[hungary.ni.com/careers](http://hungary.ni.com/careers)



**1** You apply online, uploading your CV.



**2** Initial 1 hour Skype interview, where we explore your motivations and CV further.



**3** You meet with one of our local sales people for further assessment.



**4** Assessment day in one of our regional centres involving interviews, exercises and a presentation. There will be networking opportunities at lunch with current ETP graduates.



We don't believe in keeping you waiting, so we will come back to you within 10 working days of your assessment day to let you know whether you have been successful. We also believe in development at all stages of our process, so full feedback will be provided whether you are successful or not.

[hungary.ni.com/careers](http://hungary.ni.com/careers)

