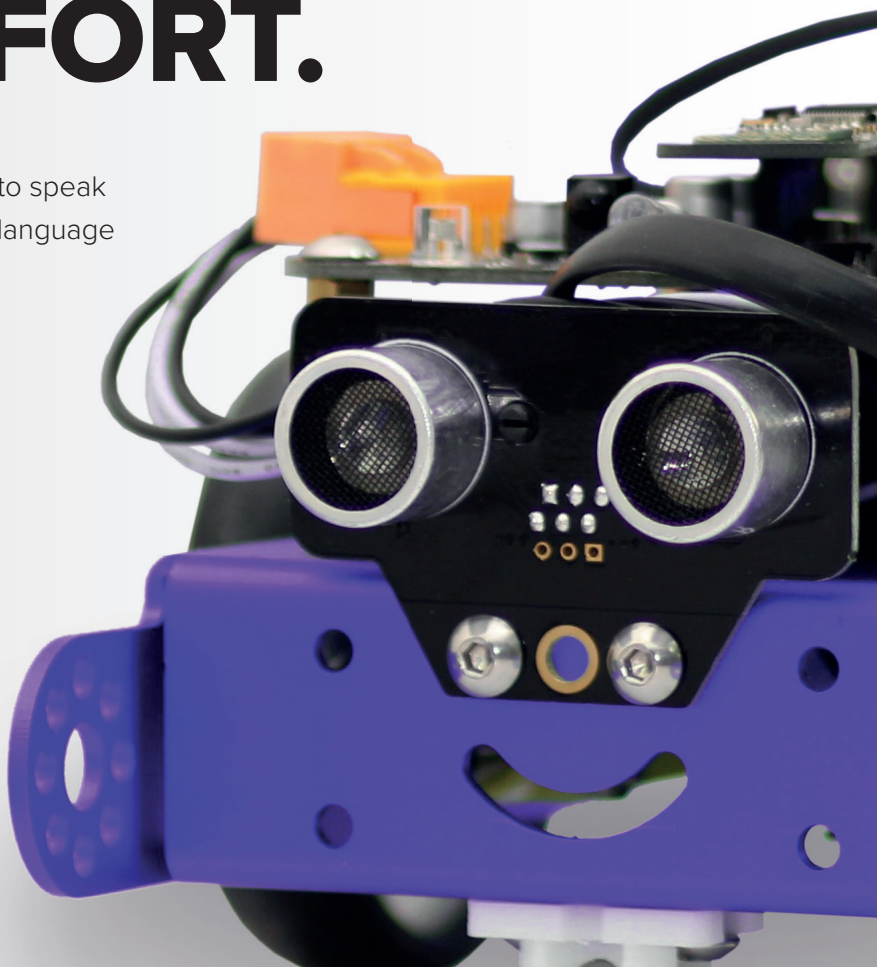


# BUSINESS ACCELERATION IS A TEAM EFFORT.

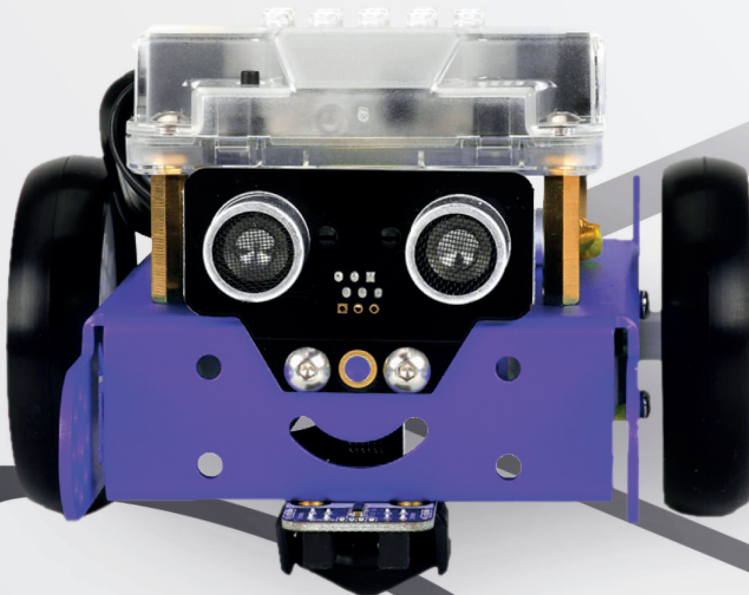
“We learned to speak  
each other’s language  
in a fun way!”



# Excellent is the average of tomorrow.

Organizations have to speed up, cooperate flawlessly and be able to release quality software into production whenever they want. Only then will they be truly successful and stay ahead of competition. One crucial prerequisite is smooth cooperation, e.g. between business and IT. One often hears that business doesn't understand "why IT just doesn't deliver the features we've asked for" whereas IT finds that "business should do their work properly by articulating clear requirements." The lack of clear communication and smooth cooperation is still present in many organizations – ultimately causing organizations to slide back from excellent to average.

"This is an awesome way to resolve business issues, to understand them. It seems so easy, but it's not!"



# Workshop.

## The Robot Challenge.

Although many organizations adhere Agile practices, having mini handovers between various roles may still be common practice. Using the Robot Challenge, different roles within an organization are able to understand each other's difficulties and learn how collaboration can further be improved. As a result, the business gains a basic understanding of technical stuff and programming, and IT learns to think about specifications and the problems with accepting unclear requirements.

The Robot Challenge features several multi-disciplinary teams that join forces in specifying the behavior of an mBot. This behavior will help the mBot complete a predefined track with several obstacles. In various sprints, teams help the mBot to overcome each of the obstacles by collectively specifying behavior, implementing the behavior, and obtaining feedback. Finally, all teams engage in a competition: the team whose mBot completes the track quickest, wins eternal glory (and perhaps a nice price).

### For who

Teams (or a group of roles) within agile organizations, business and IT stakeholders involved in software development.

### For non-IT and IT roles

#### Non-IT

- > Understand the key logical steps technical code
- > Translate requirements and functionality into technical code
- > Understand the impact of design changes on code
- > Do real programming using a Visual Programming Language

#### IT

- > "Driving" a robot using Scratch (or C++, JavaScript if desired)
- > Build your software based on specifications
- > Programming with an Arduino board
- > Think along with the business, learn to ask questions that matter

[www.xebia.com/robot-challenge](http://www.xebia.com/robot-challenge)

Start bringing your business  
and IT together. It's a great  
energizer to kick-start true  
business and IT collaboration  
in addressing tomorrow's  
challenges.

"I never knew that requirements  
were so important."



Agile Teams Deliver. Instantly! ●

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