

# Graduation at Ortec

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## 1.1 Who are we?

ORTEC is one of the largest providers of advanced planning and optimization software solutions and consulting. ORTEC's products and services result in optimized fleet routing and dispatch, vehicle and pallet loading, workforce scheduling, delivery forecasting, logistics network planning and warehouse control. ORTEC offers stand-alone, custom-made and SAP® certified and imbedded solutions, supported by strategic partnerships. ORTEC has over 1,650 customers worldwide, 650 employees and offices in Europe, North America, Asia and the Pacific Region

## 1.2 Your assignment: Sensitive data in the cloud

Big multinationals face fact making strategic decisions, possibly saving millions of euros a year. ORTEC developed a variety of solutions in the past, to be able to perform calculations on all aspects of supply and distribution chains. To merge these solutions in the nearby future, a new generation of software will be built with ASP.NET and C#.

It is planned to offer this software as a SaaS solution to our customers. Because of the highly confidential information, containing sustainable competitive advantages, that will be used in these analysis, security of the data is an important part of the new solution.

Your assignment is to explore which possibilities there are to work with these data in the cloud and which is the best way to implement this aspect in our new generation software. How do we connect to the other systems of the customer? How do we transfer data between the customer and our software?

## 1.3 Who are we looking for?

We are looking for graduation students with an IT related Master. You have experience and affinity with programming using .NET and C#. You do not hesitate to come up with new ideas and to present your ideas at the department you work for. You have good oral and writing skills in Dutch and English. Affinity with mathematics is useful, but no obligation.

You do your research thesis yourself, supervised by experienced Ortec colleagues. You will work in an environment with a lot of opportunities to validate your research in real life cases. Our work environment is innovative because our customers demand not only the technology of today, but expect us to be the front runners of the technology of tomorrow.

#### **1.4 Are you interested?**

Are you interested in this assignment? Don't hesitate contacting us. Also when you have other ideas about an assignment, we will always consider possibilities with you.

Send your motivation and resume to [recruitment@ortec.com](mailto:recruitment@ortec.com) or

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For more information about this assignment or other possibilities, contact Tim Blok.