

## Dr. Morten Middelfart

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## Work Experience

1997–present, CTO of TARGIT A/S, Business Intelligence software company, Denmark  
1996–1997, Founder and CEO of Morton Systems ApS, a startup BI software company  
1992–1996, BI Project Manager at A.P. Moller/Maersk, Denmark and New Jersey, USA  
1990–1992, Platoon Leader, Danish Army, Motorized Combat Infantry  
1985–1989, Programmer at Sandlykke & Leifsgaard, Denmark

## Education

Ph.D. in Computer Science, Aalborg University, Denmark, December 2010  
Ph.D. in Computer Aided Leadership & Management, Rushmore University, USA, August 2004  
MBA from Henley Management College, UK, February 2002  
MISE at A.P. Moller, Denmark, August 1992  
Officer of the Reserves, Army School of Combat, Denmark, December 1990

## Honors and Awards

2011: Erhverv Hjorning's Initiative Award  
2006: Berlingske Nyhedsmagasin's Talent 100 Award

## Publications

### Theses

- [1] Sentinel Mining, Ph.D. Thesis, Department of Computer Science. The Faculties of Engineering, Science and Medicine, Aalborg University. January 2011
- [2] CALM: Computer Aided Leadership & Management - How Computers can Unleash the Full Potential of Individuals and Organizations in a World of Chaos and Confusion., Ph.D. Thesis, Rushmore University, USA, July 2004
- [3] A vision for Business Intelligence systems in the decade to come, MBA thesis, Henley Management College, UK, October 2001

## Patents

[4] M. Middelfart. European Patent no. EP1196867, United States Patent 6,732,091: "A Method and an Apparatus for the Processing of Queries to a Database".

[5] M. Middelfart. European Patent number EP1353280, United States Patent 7,630,961: "A Method of Processing Multi-Lingual Queries".

[6] M. Middelfart. European Patent number EP1477909, United States Patent 7,783,628: "Method and user interface for making a presentation of data using Meta-Morphing".

[7] M. Middelfart. United States Patent number 7,779,018, pending in Europe: "Presentation of data using meta-morphing".

[8] M. Middelfart & T. Jensen. European Patent number EP1659503, United States Patent 7,774,295: "A Database Track History".

[9] M. Middelfart. United States Patent 7,949,674 B2, pending in Europe: "Integration of documents with OLAP using search".

[10] M. Middelfart and M. Sandlykke. Denmark Patent number 176516, pending in Europe and USA: "A computer-implemented method for creating Videos, Podcasts or Slide Presentations from a Business Intelligence Application".

## Patents Pending

[11] M. Middelfart. "Hyper Related OLAP", (Europe and USA)

[12] M. Middelfart. "A Method of Preparing an Intelligent Dashboard for Data Monitoring" (USA)

## Journal/Conference Papers

[13] M. Middelfart and T.B. Pedersen. "Implementing Sentinels in the TARGIT BI Suite". In Proc. of ICDE 2011.

[14] M. Middelfart and T.B. Pedersen. "Using Sentinel Technology in the TARGIT BI Suite". PVLDB 3(2) 2010.

[15] M. Middelfart, T.B. Pedersen, and J. Krogsgaard. "Efficient Discovery of Generalized Sentinel Rules". In Proc. of DEXA 2010.

[16] M. Middelfart & T.B. Pedersen, "Discovering Sentinel Rules for Business Intelligence". In Proc. of DEXA 2009.

[17] M. Middelfart, "Improving Business Intelligence Speed and Quality through the OODA Concept". In Proc. of DOLAP 2007.

[18] M. Middelfart, "Beyond collaboration", Commentary in The OLAP Report, January 2006.

[19] M. Middelfart, "Review of Business @ the Speed of Thought, by W. Gates", Information-Knowledge-Systems Management 3(2-4), April 2003.