

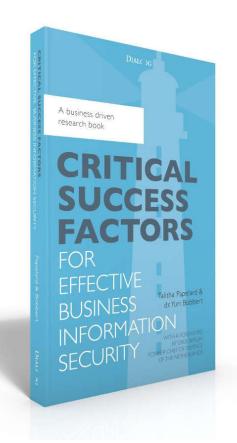
Powered by the University of Antwerp

## **Critical Success factors for effective Cyber Security**

An interactive Design Science Research workshop for your own Cyber Security Strategy

Yuri Bobbert & Talitha Papelard







Dr. Yuri Bobbert Visiting professor at AMS Global Chief Information Security Officer at NN-Group N.V

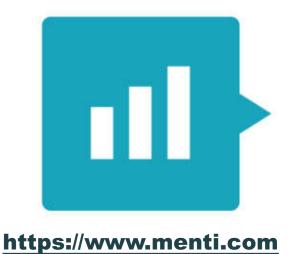


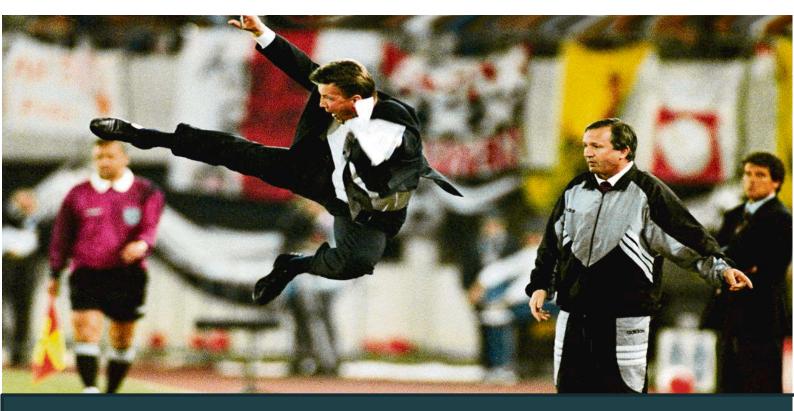
Talitha Papelard Researcher at AMS Director Business Security at Northwave



EFFECTIVE BUSINESS Televitered INFORMATION SECURITY **TOP TEN:** 

| No | Item Group                                  | Rating | Variability | COBIT enabler             |
|----|---|--------|-------------|---------------------------|
| I  | Senior management commitment all            | 4.8    | 22%         | Organizational structures |
|    | the way up to the board, so that the        |        |             |                           |
|    | board has ultimate responsibility for       |        |             |                           |
|    | cybersecurity                               |        |             |                           |
| 2  | Create a culture of acceptance and          | 4.8    | 22%         | The culture, ethics and   |
|    | protection                                  |        |             | behaviour                 |
| 3  | The board of directors and senior           | 4.8    | 22%         | The culture, ethics and   |
|    | executives setting the proper tone for      |        |             | behaviour                 |
|    | the rest of the company                     |        |             |                           |
| 4  | Lessons learned: having a databreach,       | 4.8    | 22%         | The culture, ethics and   |
|    | never waste a good incident                 |        |             | behaviour                 |
| 5  | Budget, resources and capacity available    | 4.8    | 22%         | Processes                 |
|    | to set up information security              |        |             |                           |
| 6  | Comply with law and regulations,            | 4.6    | 35%         | Principles, policies and  |
|    | demonstrate compliance with regulations     |        |             | frameworks                |
| 7  | Be aware of the need of security at         | 4.6    | 24%         | The culture, ethics and   |
|    | every level within the organization. Make   |        |             | behaviour                 |
|    | it part of everyone's job                   |        |             |                           |
| 8  | Strong security culture: security is in the | 4.6    | 24%         | The culture, ethics and   |
|    | genes of the whole organization             |        |             | behaviour                 |
| 9  | Business management commitment;             | 4.5    | 25%         | Organizational structures |
| 10 | Overview of your threat landscape:          | 4.5    | 35%         | Information               |
|    | know the exact location of the business-    |        |             |                           |
|    | critical assets and how to protect them     |        |             |                           |





## Senior management commitment





## What actions do we need?



## **Pick your winners!**

