Participants NBA Accounttech
Goals Accounttech

1. Mapping the current and future technology landscape for accountants

2. Create and facilitate an expertgroup/network and workgroups (practitioners, science, education, software suppliers and authorities)

3. Co-creation of education (initial and permanent)

4. Independant partner for stimulating tech developments in our sector
Accounttech: technology landscape

Technologielandschap in accountantsberoep, november 2018

Horizon 3
Horizon 2
Horizon 1
Laag
In opkomst
Hoog
Kennis en toepasbaarheid van de technologie

ERP
MS Office
SBR
UBL
Cloud API
Text & voice analytics
RPA
VRAR
Data analytics
Continuous assurance
Bitcoiling
AVM machine learning
Predictive analytics
Prescriptive analytics
Cognitive AI
Semantic web
Blockchain
Data level assurance

Rechtstreekse technologie die we nu gebruiken
Rechtstreekse technologie die we nog niet gebruiken
Nieuwe technologie
Workgroups

1. SME accountants-office of the future

2. Digital transformation of the SME-accountants (and other accountants)

3. Future of the audit

and

NBA Accounttech Open Podium
Survey May 2019: use of technology at SME accountants offices

1) To what extent have the activities been digitized?

2) Which technology is used?

3) What is seen as an opportunity or threat?
To what extent have the activities been digitized?

<table>
<thead>
<tr>
<th>Vraag</th>
<th>Gemiddelde</th>
</tr>
</thead>
<tbody>
<tr>
<td>De algemene strategie van uw kantoor is geformuleerd en vastgelegd</td>
<td>3,36</td>
</tr>
<tr>
<td>De IT-strategie van uw kantoor is geformuleerd en vastgelegd</td>
<td>3,16</td>
</tr>
<tr>
<td>De processen van het kantoor zijn gestandaardiseerd</td>
<td>3,89</td>
</tr>
<tr>
<td>Specialisatie naar sector of type dienstverlening</td>
<td>2,76</td>
</tr>
<tr>
<td>Inzicht in efficiency en doorlooptijden</td>
<td>3,39</td>
</tr>
<tr>
<td>De transactieverwerking is geautomatiseerd</td>
<td>3,78</td>
</tr>
<tr>
<td>De rapportages zijn geautomatiseerd</td>
<td>3,91</td>
</tr>
</tbody>
</table>

Conclusion: The offices themselves seem satisfied to very satisfied with their (IT) strategy and automation.
Which technology is used?

The following technology is used (more than 50% of respondents): apps, cloud computing, Microsoft Office, Portals, SBR, scan & recognize and VPN

The following technology is rarely used (less than 20% of respondents): blockchain, diagnostic / descriptive / predictive / prescriptive / analytics, process mining, RGS, SBR assurance, virtualization and virtual reality.

Other notable user scores: bring your own device (22.5%), business intelligence (24.4%), internet of things (20.8%), Robotics (21.5%), UBL (47.2%)

**Conclusion:**
The offices make full use of existing technology. But hardly any new technology.
What is seen as an opportunity or threat?

<table>
<thead>
<tr>
<th>Chance</th>
<th>Threat</th>
<th>NEUTRAL*</th>
<th>NO OPINION</th>
</tr>
</thead>
<tbody>
<tr>
<td>-Information security</td>
<td>20,0%</td>
<td>21,4%</td>
<td>55,5%</td>
</tr>
<tr>
<td>-PSD2</td>
<td>28,3%</td>
<td>4,7%</td>
<td>36,9%</td>
</tr>
<tr>
<td>-AI</td>
<td>43,1%</td>
<td>3,9%</td>
<td>38,9%</td>
</tr>
<tr>
<td>-Potential new competitors (eg. banks, start-ups)</td>
<td>16,4%</td>
<td>20,8%</td>
<td>55,0%</td>
</tr>
<tr>
<td>-Your current software suppliers</td>
<td>36,4%</td>
<td>7,5%</td>
<td>52,2%</td>
</tr>
<tr>
<td>-Automation of transactions and reporting en rapportage</td>
<td>69,7%</td>
<td>3,3%</td>
<td>25,9%</td>
</tr>
<tr>
<td>-Simplification of reporting requirements</td>
<td>45,3%</td>
<td>5,3%</td>
<td>45,3%</td>
</tr>
<tr>
<td>-Complexity and speed IT developments for the office</td>
<td>40,3%</td>
<td>9,7%</td>
<td>48,9%</td>
</tr>
<tr>
<td>-Complexity of IT at customers</td>
<td>35,5%</td>
<td>7,5%</td>
<td>53,5%</td>
</tr>
</tbody>
</table>

* No chance or threat OR chance or threat

**Conclusion:**
- Many neutral scores ("we actually don't know").
- Greatest opportunities are seen in efficiency (automation, simplification), followed by artificial intelligence.
e.kolthof@nba.nl
Twitter: @ErikKolthof
LinkedIn: https://nl.linkedin.com/in/erik-kolthof-2414393