The Impact of Digital Transformation on the Role of the CIO & CTO

We surveyed 415 CIOs and CTOs at enterprises with 500+ employees to better understand how digital transformation has impacted the scope of CIO and CTO roles, as well as the extent and attitudes towards the adoption of DevOps practices within their organizations.

Digital transformation fuels CIO and CTO role convergence

97.8% of CIOs and CTOs reported that there was an increased focus on digital transformation within the last 3 years. Around 74.5% of CTOs and CIOs stated that their responsibilities had changed in the last 3 years, especially since the pandemic.

Have the responsibilities of the person in your role changed in the last 3 years of your organization?

<table>
<thead>
<tr>
<th>Response</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Significant</td>
<td>76.4%</td>
</tr>
<tr>
<td>Somewhat</td>
<td>60.1%</td>
</tr>
<tr>
<td>No change</td>
<td>53.6%</td>
</tr>
<tr>
<td>A little</td>
<td>32%</td>
</tr>
<tr>
<td>A lot</td>
<td>8.2%</td>
</tr>
</tbody>
</table>

Of CTOs and CIOs who disclosed that there were changes, 66.3% indicated that their responsibilities changed in the last 3 years.

Of CIOs and CTOs who disclosed that there were changes, 78.1% of CIOs and 76.4% of CTOs stated that there was an increased focus on digital transformation within their organization.

Shared responsibilities between CIOs and CTOs result in digital friction

The majority of respondents reported having both CTOs and CIOs as part of their organizations, especially in the context of digital transformation. Around a third of CIOs and CTOs indicated that these responsibilities had changed in the last 3 years.

Rate of Innovations is now a new competitive advantage

94.5% of the executives surveyed confirmed that the focus on innovation has increased significantly compared to the previous year, measured by KPIs related to innovation.

CIOs and CTOs have realized the importance of having a mature DevOps strategy to enable teams to innovate faster.

49.6% of CIOs and CTOs said that they have a plan to expand DevOps practices, and 43.3% of the executives interviewed believe that DevOps is important to digital transformation at their organization.

“I see businesses today as being uncertain and conflict between CIOs and CTOs, and this is about precisely who owns what.”

STEPHEN O’GRADY, PRINCIPAL ANALYST, REDMONK

DevOps has become a standard practice among enterprises

Organizations have realized the importance of having a mature DevOps strategy to enable teams to innovate faster. 69.8% of CIOs and CTOs said that they have a plan to expand DevOps practices, and 53.3% of the executives interviewed believe that DevOps is important to digital transformation at their organization.

Revenue Growth : 74.5%

Rate of Innovation : 60.1%

Update : 53.6%