CA Single Sign-On provides secure single sign-on and flexible access management to applications and Web services on-premise, in the cloud, from a mobile device or a partner’s site. With CA Technologies, integrated access control extends to API access and native mobile applications – thereby improving the user experience. Recognized worldwide as an industry-leading solution, CA Single Sign-On:

- Accelerates application availability by offering an unparalleled range of options for managing applications access.
- Enhances security by providing a common policy access layer.
- Reduces cost of ownership by supporting traditional Web applications, identity federation standards and Web services, all from a single integrated high-performance platform.

Rapidly enable mobility for your Apps whether they are web, hybrid or native and login to all of them with a Single password!

Key features:

- Secure Single Sign-On.
- Support for open standards.
- Social media login convenience.
- Enhanced Session Assurance with DeviceDNA™.
- WS-Fed 1.2 active profile.
- Policy-based authorization
- Centralized session management.

Key benefits and results:

- Facilitates business growth, innovation and collaboration. Helps you efficiently deploy and provide secure access control to applications.
- Improves user experience and productivity. Allows users to sign on once, providing them a secure and unified online experience.
- Drives operational excellence. Delivers consistent, centralized security management supporting multiple access methods and heterogeneous applications.

Marquee benefits yielding $695k per year in savings are detailed on the reverse side of this document in order to show examples of business value achievable through this CA Identity Manager approach.

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<table>
<thead>
<tr>
<th>Business Value Proposition</th>
<th>Business Value Enabler</th>
<th>Specific Measurement</th>
<th>Solution Area</th>
<th>Impact Range</th>
<th>Key Resources Affected</th>
<th>Average Resource Value</th>
<th>Projected Savings / year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Savings in time to manage multiple passwords for internal end-users</strong></td>
<td>Reduced costs for internal end-users to maintain multiple passwords requiring user access and losing productive time logging into business applications and resources or waiting for forgotten passwords to be manually reset</td>
<td>Reduction in end-user labor costs</td>
<td>Single Sign-On</td>
<td>1 - 2%</td>
<td>User FTEs</td>
<td>1,000</td>
<td><strong>$1,350,000</strong></td>
</tr>
<tr>
<td><strong>Costs savings in service desk effort</strong></td>
<td>Self-service capabilities enables internal and external users to manage their own profile data, reset or retrieve forgotten passwords, thereby reducing the number of calls to the service desk</td>
<td>Reduction in Service Desk labor costs</td>
<td>Single Sign-On</td>
<td>20 - 30%</td>
<td>Service Desk FTEs</td>
<td>20</td>
<td><strong>$450,000</strong></td>
</tr>
<tr>
<td><strong>Enhanced revenue through access to new social media channels</strong></td>
<td>User authentication based on social media credentials enables the capture of new customers via social media marketing campaigns</td>
<td>Revenue enhanced</td>
<td>Single Sign-On</td>
<td>2 - 6%</td>
<td>New Revenue</td>
<td>$10,000,000</td>
<td><strong>$400,000</strong></td>
</tr>
<tr>
<td><strong>Enhanced revenue due to faster time to market</strong></td>
<td>Reduced new application delivery through shortening of timeframes for web and mobile applications via seamless authentication, authorization, federation and integration of apps and back-end data sources</td>
<td>Revenue gains</td>
<td>Single Sign-On</td>
<td>25 - 35%</td>
<td>New Revenue</td>
<td>$800,000</td>
<td><strong>$240,000</strong></td>
</tr>
<tr>
<td><strong>Reduction in audit compliance related costs</strong></td>
<td>The solution provides a detailed audit trail to track and report web activity back to the original user therefore reducing cost to manually audit user access activity on protected endpoints and servers</td>
<td>Reduction in audit preparation labor costs</td>
<td>Single Sign-On</td>
<td>25%</td>
<td>Administrator FTEs</td>
<td>$625,000</td>
<td><strong>$156,250</strong></td>
</tr>
</tbody>
</table>

This table shows some key benefits of CA Single Sign-On. Your CA Technologies representative can also share additional and more detailed ROI business case examples for this solution by engaging the CA Business Value Analytics Team. This team works with CA’s customers to develop and analyze a comprehensive set of assumptions and environment specific metrics in order to build customized projective business cases.

1 The Impact Ranges shown above are estimations derived from the analysis of benchmark data which is a composite of data derived from industry analyst published information, interviews with subject matter experts and experiential data from prior projective analyses.

2 The Average Resource column shows resource values representative of those used in business case analyses by the CA Business Value Analytics Team.

3 The Projected Savings may be representative results for organizations whose Average Resource values are similar to those in this table. Labor rates for all FTEs are assumed to be $45/hour. Actual calculations may include additional parameters. Your CA Technologies representative can provide detailed benefit calculations for values in this column. The values expressed in this table are not a guarantee of achievable results and will vary depending upon your current infrastructure, people, and processes as well as the appropriate, effective implementation, adoption, and use of the CA solution.

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