

# Summary Report: TESTBED AS400

System: S65E570C  
Analysis Date: 03-Nov-2013

CONFIDENTIAL

## Rating Against Industry Average

		
		X

## Overall Comments

Overall, security is below average compared with other AS/400 systems.

## Report Highlights

Report Section / Comments	
<b>1</b>	<b>Summary Graphs</b> Graphical comparisons against the industry average and leading practice.
<b>2</b>	<b>System Values</b> Many System Values are weak, for example: <ul style="list-style-type: none"><li>The minimum password length is only 4 characters (QPWDMINLEN)</li><li>Each character in a new password is not required to be different from the character in the same position in the previous password (QPWDPOSDIF)</li><li>User passwords are not required to contain numeric characters (QPWDRQDDGT)</li><li>Users do not receive details of sign-on activity via their profiles (QDPSGNINF)</li><li>Users are allowed to sign-on to multiple devices at the same time (QLMTDEVSSN)</li><li>Controls that reduce the risk of intruders gaining access to the system via repeated password guessing attempts are weak (QMAXSIGN)</li></ul>
<b>3</b>	<b>User Profiles and Classes</b> There are 68 user profiles defined on the system. In general, profiles are clearly assigned to specific people.
<b>4</b>	<b>Profiles with Special Authorities</b> Access to powerful Special Authorities seems fairly well controlled.
<b>5</b>	<b>Password Change Intervals</b> Password changes are not required for 4% (3) of profiles. Note that this overrides the machine's System Value (policy) setting.
<b>6</b>	<b>Group Profiles and their Members</b> There is only one group profile defined on the system.
<b>8</b>	<b>Passwords Equal to Profile Name</b> 4% (3) of profiles have default passwords. This includes 1 account with security administration (*SECADM) special authority. See the report for implications.
<b>9</b>	<b>Profiles with Expired Passwords</b> 4 profiles have expired passwords. See the report for implications.

*This report summary is provided to highlight some of the main issues detailed in the SekChek reports. The overall rating is against the industry average and not against leading practice. All comments are generic. For best results they should be considered together with an understanding of the client's own unique business and computer environments.*

## Summary Report: TESTBED AS400

System: S65E570C  
Analysis Date: 03-Nov-2013

CONFIDENTIAL

Report Section / Comments	
<b>10 Password Changes</b>	Passwords for 74% (50) of profiles have not been changed in the last 3 months. However, most are disabled.
<b>11 Last Logons</b>	76% (52) of profiles have not been used in the last 3 months. However, most are disabled.
<b>12 Invalid Signon Attempts</b>	Some accounts have high numbers of invalid password guessing attempts logged against them. This should be investigated.
<b>13 Profiles Allowed Simultaneous Device Sessions</b>	100% (68) of profiles can be used to sign-on to multiple devices at the same time. However, most profiles are disabled.
<b>14 Profiles with Limited Capability</b>	81% (55) of profiles, including several 'regular users' (User Class = *USER) have 'Unlimited Capability'. These users are allowed to change their Initial Program/Menu and to enter OS/400 commands.
<b>16 Profiles without Signon Display Information</b>	100% (68) of users do not receive details of sign-on activity via their profiles.
<b>17 Group and IBM-Supplied Profiles</b>	Some IBM-supplied (or Group) profiles do not have their passwords set to *NONE.
<b>19 Disabled Profiles</b>	60% (41) of profiles have been disabled or their passwords have been set to '*NONE'.
<b>21 Profiles Created Recently</b>	3 profiles were created in the last 90 days. You should confirm that the creation of these profiles was appropriately authorised by management.
<b>22 Programs with Adopted Authorities</b>	You should check this list for signs of programs that unnecessarily adopt the authority of powerful profiles.
<b>23 Object and Data Authorities</b>	You should check the authorities for the listed Objects, especially those for *PUBLIC access.
<b>24 Network Services</b>	You should check the list of network services to ensure they are valid and required.

Tip: Make navigation easier by adding the back button  to your Quick Access Toolbar in MS-Word.

*This report summary is provided to highlight some of the main issues detailed in the SekChek reports. The overall rating is against the industry average and not against leading practice. All comments are generic. For best results they should be considered together with an understanding of the client's own unique business and computer environments.*