LIFECYCLE MANAGEMENT

Key Features		Avatier
1.	One Button Hire and Onboard	●
2.	One Button Offboard	●
3.	On hire documents and tax forms generated and signed online	●
4.	On termination severance agreements generated and signed online your preferred e-signature product	●
5.	On hire all employee access created on-prem apps, cloud and assets assigned for distribution	●
6.	On hire grant badge access granted (based on API access control API's availability and services engagement)	●
7.	On termination badge access revoked (based on API access control API's availability and services engagement)	●
8.	During employment automatic HR driven role transfers, leave of absence, name changes, re-hire and layoffs	●
9.	During employment Single Sign-On integration for secure one click-access web logins	●
10.	During employment Self Service Password Reset integration to eliminate password reset request	●
11.	During employment Access Certification integration campaigns to ensure accurate access & pass audits	●
12.	User-friendly graphical IT Store for workers and managers to request access, assets, and subscriptions	●
13.	Familiar IT Shopping Cart checkout user experience	●
14.	Embedded IT Store intelligence manage your IT entitlements easily (days old, last req, in use, times req, sla, risk)	●
15.	Assign a Risk Score to access entitlements and assets	●
16.	Contextual Risk Scoring based on admin access and password properties	●
17.	Combined Risk Intelligence Score based on assigned assets and contextual risk properties	●
18.	Set, Monitor and Report on Asset Budgets for Users, Managers, and Departments	●
19.	Segregation of Duties (SoD) for Access Entitlements, Roles, and Assets. Mix SoD Types	●
20.	SoD Remediation and Reconciliation	●
21.	Lockdown Interface by OU	●
22.	IT Store images stored in database	●
23.	Programming-Free Dynamic Workflow	●
24.	Mobile & tablet support	●
25.	Responsive Design	●
26.	Command Line Utilities for Bulk Actions	●
27.	Make Requests for Multiple Users	●
28.	Authorized User Management of Employees	●
29.	Authorized IT Store Requesters	●
30.	Override Default Values of Template Account Based on Data	●
31.	Create Custom Shortcuts to your most requested IT store items	●

User Interface Features	Avatier
1. Fully Brandable Client Screens	●
2. IT Store For Access and Assets	●
3. Shopping Cart Checkout	●
4. Tag Favorite Privileges and Roles for Fast Access	●
5. Delegated IT Store Layout based on Department, OU or User (i.e. HR users only see HR entitlements)	●
6. Lockdown Interface by OU	●
7. Point and Click Configuration	●
8. Tree Navigation of IT Store (Hide or Display)	●
9. Review IT Store Request Status (In-Process, Access History, Request History)	●
10. IT Store Multiple View Support - Tiles, Tiles with Descriptions, List Views	●
11. Sort IT Store Alphabetically	●
12. IT Store Breadcrumb Navigation	●
13. Display Logged in As	●
14. Display Last Login Time and Date	●
15. Display Current Version Number	●
16. Display Logged In User Current Risk Details including Aggrate Score and Risk Radar showing Score Calcuations	●
17. Display Currency amount of Assets Already Assigned, Budgeted, In-Cart, In-Progress, Budget Available)	●
18. Search Entire Store Item Name, Description, & Category	●
Account Provisioning	
1. Admin Driven User Account Creation with Role Support	●
2. Automated User Account Provisioning with Role Support	●
3. Register for New Account	●
4. Automated Password Generation while Honoring Rules and Emailing to User or Manager	●
5. Home Directory Creation	●
6. Home Share Creation	●
7. Mailbox Creation (Exchange 2010/13 and Office 365)	●
8. Unique User Account Creation checks with Auto-Increment Rules	●

Account Provisioning (Continued)	Avatier
9. Pre/Post Task Execution with Identity Variables	●
10. Call into External System to Get Unique User Identifier	●
Account Auto-Naming	
1. Duplicate Name Discovery and Auto Incrementation	●
2. Account Name Element Normalization Across Platforms	●
3. Customizable Account Name Generation	●
4. Customizable Full Name Generation	●
5. Customizable Pre-Windows 2000 Name Generation	●
6. Customizable Display Name Generation	●
7. Customizable SMTP Name Generation	●
8. Customizable Exchange / Exchange 365 Alias Name Generation	●
9. Customizable Exchange / Exchange 365 Display Name Generation	●
10. Optionally Preserve Case in Account Naming Elements	●
11. Call into External System to Get Unique User Identifier	●
12. Granted Asset Privilege	●
13. Roles Created	●
14. Roles Deleted	●
15. Proxied Authority	●
16. Accounts Deleted	●
17. Accounts Disabled	●
Account / Access Maintenance	
1. Add/Remove/Modify Roles	●
2. Add/Remove/Modify Access Entitlements	●
3. Add/Remove/Modify Groups	●
4. Add/Remove/Modify Roles / Entitlement Containers	●
5. Role Transfers	●
6. Disable Account	●

Account / Access Maintenance (Continued)		Avatier
7.	Enable Account	●
8.	Reset Passwords	●
9.	Unlock Account	●
10.	Self and Admin Linking Hub Identity Accounts to Spoke System Accounts	●
11.	Update User Profile Data	●
12.	Rename User	●
13.	Validate Direct Reports	●
14.	Move User Account to Different OU	●
15.	Change Mailbox Properties (Exchange)	●
16.	Move Mailbox (Exchange)	●
17.	Change Account Expiration	●
Account Deprovisioning		
1.	Delete Account	●
2.	Delete Mailbox (Exchange 2010/13 and Office 365)	●
3.	Archive Mailbox	●
4.	Archive Home Directory	●
5.	Move to Disabled Users OU	●
Built In Reports		
1.	Roles Of All Users	●
2.	Roles of a User	●
3.	Roles With Assigned Users	●
4.	Removed Roles	●
5.	Roles Added	●
6.	Assigned Privileges For All Users	●
7.	Assigned Privileges For One User	●
8.	Privileges With Assigned Users	●
9.	Waiting Virtual Privilege Grants	●

Built In Reports (Continued)		Avatier
10.	Waiting Asset Privilege Grants	●
11.	Granted Virtual Privilege	●
12.	Granted Asset Privilege	●
13.	Roles Created	●
14.	Roles Deleted	●
15.	Proxied Authority	●
16.	Accounts Deleted	●
17.	Proxied Authority	●
18.	Accounts Deleted	●
19.	Accounts Disabled	●
20.	Accounts Enabled	●
21.	Future Account Deletes	●
22.	Future Account Disables	●
23.	Future Account Enables	●
24.	Home Directory Deletes	●
25.	Home Directory Archived	●
26.	Exchange Mailboxes Archived	●
27.	Exchange Mailboxes Deleted	●
28.	Accounts Created	●
29.	Requests Submitted	●
30.	Requests Approved	●
31.	Requests Approved By the Workflow Administrator	●
32.	Requests Denied	●
33.	Requests Delayed	●
34.	Requests Executed	●
35.	Requests Failed	●
36.	Request Actions Executed	●

	Built In Reports (Continued)	Avatier
37.	Request Actions Failed	●
38.	Retry Request Failed	●
39.	Web Service Account Operation Reports	●
	Risk Intelligence	
1.	Assign Weighted Risk Values	●
2.	Assign Absolute Risk Values	●
3.	Calculate Composite Risk Scores	●
4.	Color Coded Composite Risk Values	●
5.	Comprehensive Risk Radar Displayed When Managing a User	●
6.	Delegation of Risk Radar Display by Group and Product Module	●
7.	Assign Risk Value to Disabled Accounts	●
8.	Assign Risk Value to Expired Accounts	●
9.	Assign Risk Value to Accounts That Never Expire	●
10.	Assign Risk Value to Accounts With No Password Expiration	●
11.	Assign Risk Value to Accounts Whose Password Cannot Be Changed	●
12.	Assign Risk Value to Users Who Are Assigned Critical Privileges	●
13.	Assign Risk Value to Users Who Are Assigned Critical Roles	●
14.	Assign Risk Value to Users Who Are Assigned Privileges from Critical Resource	●
15.	Assign Risk Value to Users Who Have a Higher Than Normal Number of Privileges	●
16.	Assign Risk Value to Users Who Have a Higher Than Average Privilege Risk	●
17.	Assign Risk Value to Users Who Have a Higher Than Average Role Risk	●
18.	Assign Risk Value to Users Who Have a Higher Than Average Resource Risk	●
19.	Assign Risk Value to Users Who Have a Higher Risk Compared to Others in Same Department	●
20.	Assign Risk Value to Users Who Have a Higher Risk Compared to Others in Same OUs	●
21.	Assign Risk Value to Users Who Have a Higher Risk Compared to Others With Same Manager	●
22.	Assign Risk Value to Users Who Have a Higher Risk Compared to Others in Company	●
23.	Assign Risk Value to Users Who Have a Higher Risk Compared to Others With the Same Job Title	●

System User And Group Analytics		Avatier
1.	Executive Summaries	●
2.	Avatier SMS Twilo One-Time Passcode	●
3.	View Direct Employees	●
4.	Risk Scoring	●
5.	. Avatier Alternate Email One-Time Passcode	●
6.	Dashboard and Reporting	●
7.	Access Management Audit	●
8.	Display Account Status	●
9.	Display Group Memberships	●
10.	Display Workflow Participation	●
11.	Audit Logging	●
12.	Identify Correlated Accounts	●
13.	Identity Inaccessible Accounts - Locked / Disabled / Password Expired	●
14.	Identify Non-Expiring Accounts	●
15.	Identify Abandoned Accounts - Never Logged Into / Old Passwords	●
16.	Identify Expiring Accounts - Account Expiration / Password Expiration	●
17.	neXus - neXus Prime	●
18.	Identify Unmapped Accounts	●
19.	Identity Mapped Account Issues	●
20.	List All Provisioning Eventsk	●
21.	List Accessibility Events	●
22.	List Date Change Events	●
23.	Identify Out of Band Changes	●
24.	Role Assignment Reports	●
25.	Privilege Assignment Reports	●
26.	Granted Assets and Virtual Privilege Reports	●
27.	Role Management Reports	●

	System User And Group Analytics (Continued)	Avatier
28.	Delegation Reports	●
29.	Account Deprovisioning Reports	●
30.	Account Provisioning Reports	●
31.	Request Reports	●
32.	Web Service (API) Reports	●
33.	Custom Reporting	●
	Workflows / Granting	
1.	User Based Approvers	●
2.	Group Based Approvers	●
3.	Manager Based Approvers	●
4.	Owner Based Approvers	●
5.	Sequential Approvers	●
6.	Parallel Approvers	●
7.	Dynamic Approvers	●
8.	Rule Based Approvers	●
9.	Automated Approvers	●
10.	Grantor Workflow for Assets and Virtual Privileges	●
11.	Multi-Level Granting of Assets and Virtual Privileges	●
12.	Require Justification Comments on Submit, Approve, and Reject	●
13.	Proxy of Authority	●
14.	Start Workflow on User Account Removal	●
15.	Record Make, Model, Serial Number of Assets During Granting	●
16.	Workflow Administrator Functions	●
17.	Global Replacement of Workflow Participation	●
18.	Dual Authenticated Workflow Approval	●
19.	Recipient Acknowledgment	●

Workflows / Granting (Continued)		Avatier
20.	Workflow Reminders	●
21.	Workflow Escalation	●
22.	Request Inactivity Cancellation	●
Reconciliation / Consolidation / Integrity		
1.	Enforce Employee ID and Employee Number Uniqueness	●
2.	Access Entitlement Reconciliation to all Assigned Users when Entitlements Change	●
3.	Role Reconciliation to all Assigned Users when Roles Details Change	●
4.	Role Consolidation on Transfers	●
5.	Fragmented Role Protection Prevents Access Entitlements assigned as Part of a Role to be Removed	●
6.	Unresolved Approver Identification with Manual and Automatic Replacement	●
Electronic Forms		
1.	Custom Automatically Generated HTML Web Forms can be Added to Entitlements/Assets	●
2.	Style Customization	●
3.	Labels	●
4.	Pick Lists	●
5.	Radio Buttons	●
6.	ext Boxes	●
7.	Change Display Order	●
8.	Mark Fields as Sensitive	●
Group Management		
1.	Rule Group Membership Enforcement	●
2.	Group Creation	●
3.	Group Lifespan	●
4.	Group Membership Management	●
5.	Remove Empty Groups	●
6.	Primary and Secondary Group Owners	●
7.	Automatic Promotion of Secondary Owner to Primary If Primary Owner Is Disabled or Deleted	●

Group Management (Continued)		Avatier
8.	Automatic Notification to Group Owner that Two Owners Are Needed	●
9.	Automatic Notifications of Pending Group Expirations	●
10.	Automatic Notification of Empty Groups	●
HR Feeds		
1.	Direct Database Connection	●
2.	Import from CSV	●
3.	Web Service Integration	●
4.	Provision	●
5.	Transfer / Promotion	●
6.	Rename	●
7.	Update User Properties	●
8.	Layoff	●
9.	Leave of Absence	●
10.	Re-hire	●
11.	Termination	●
12.	Rule Based Attribute Override	●
13.	Password Generation	●
14.	Account Auto-Naming	●
15.	Role Discovery	●
16.	Ability to Pull Unique ID's from External Data Sources	●
17.	Pre and Post Processing	●
Command Line Utilities / APIs		
1.	API (REST / SOAP)	●
2.	Add / Remove Granted Privileges	●
3.	Add / Remove Granted Roles	●
4.	Bulk Cart	●
5.	Automated Data Collection	●

Command Line Utilities / APIs (Continued)		Avatier
6.	Import Mappings	●
7.	mport Managed Groups	●
Ticketing Integration		
1.	LANDesk / Ivanti	●
2.	ServiceNow	●
3.	HP Help Desk	●
4.	Cherwell	●
5.	Remedy	●
6.	SMTP Generic	●
Real Time Alerts		
1.	Email Template Customization	●
2.	Automated Reports	●
3.	Alerts	●
4.	User Provisioning Notifications	●
5.	Unresolved Approvers	●
Framework Features		
1.	Choice of Delivery as Hosted Cloud Offering Private Instance	●
2.	On-Premise Docker Container Provides Cloud Freedom, Continuous Update Delivery, Auto Scaling, No Load Balancer	●
3.	Supports Docker Swarm for Orchestration	●
4.	Continuous Delivery with Roll Back	●
5.	Built-In Load Balancer	●
6.	Auto Launch Additional Servers on Load	●
7.	Auto Scale Back Servers as Demand Decreases	●
8.	Support for Production, Development, and Test Environments	●
9.	Subscription Based Pricing	●
10.	Cross Site Scripting Protection	●
11.	SQL Injection Projection	●
12.	Access Control to Common Config Sections	●

Framework Features (Continued)		Avatier
13.	Military Approved	●
14.	User Centric Design	●
15.	Business Focused Architecture	●
16.	Smart Start Configuration Wizard	●
17.	Contextual Learning System	●
18.	Context Sensitive Help	●
19.	Over 100 How-to Videos	●
20.	Computer Based Training (CBT) with Certification Test	●
21.	Custom Sign-Out URL	●
22.	Cost Savings Calculator	●
23.	Tamper Detection for Social Login User Mapping Database	●
24.	Email Alerts on Configuration Changes	●
25.	Customer Branding - Graphics, Fonts, Style Sheets	●
26.	Multi-Currency Support	●
27.	Support for Primary and Secondary Servers	●
28.	Automatic Fail Over Secondary Server	●
29.	Automate Tasks Before or After An Operation	●
30.	Risk Scoring & Risk Intelligence	●
31.	Branding Images and Verbiage	●
32.	Branding Using Custom Style Sheets	●
33.	Hub and Spoke Identity Repository	●
34.	Rotating Encryption Key with Dual Customer/Vendor Recovery	●
35.	Delegated Administration	●
36.	Multi-Language Support for Over 30 Languages	●
37.	Task Execution / Automation	●
38.	SIEM Integration	●

Framework Features (Continued)		Avatier
39.	Bottom Up Role Mining	●
40.	Peer to Peer Identity Repository	●
41.	Proprietary Identity Repository Database	●
42.	Directory Independence	●
Connectors (Common OS)		
1.	Microsoft Active Directory	●
2.	Linux	●
3.	HP Tru64	●
4.	HP VMS	●
5.	HP-UX	●
6.	IBM AIX	●
7.	IBM z/OS	●
8.	IBM iSeries (AS400)	●
9.	SUN Solaris	●
Connectors (Directories)		
1.	Microsoft Active Directory	●
2.	IBM Directory Server	●
3.	Linux Fedora Directory Server	●
4.	Microsoft ADLDS	●
5.	Novell eDirectory (NDS)	●
6.	OpenLDAP	●
7.	Oracle Unified Directory	●
8.	Sun Java System Directory Server (iPlanet Sun ONE)	●
9.	Radiant Logic VDS	●
Connectors (Databases)		
1.	IBM DB2	●
2.	Microsoft SQL Server	●

Connectors Databases (Continued)		Avatier
3.	MySQL	●
4.	PostreSQL	●
5.	Sybase	●
6.	Teradata	●
7.	Oracle	●
Connectors (Enterprise and Cloud Applications)		
1.	Agilysys LMS	●
2.	Agilysys LMS Arts	●
3.	Agilysys LMS Cashier	●
4.	Agilysys LMS Showgate	●
5.	Agilysys MMS	●
6.	Bally SDS	●
7.	Bally SMS	●
8.	Bally Technologies ACSC Casino	●
9.	Bally Technologies ACSC Slot	●
10.	Bally Technologies ACSC Universe	●
11.	Blackboard Enterprise Suite	●
12.	Cherwell	●
13.	CMS400	●
14.	Generic Web Service (SOAPS)	●
15.	Google Apps	●
16.	HP Service Desk	●
17.	Infnium HCM/FSM	●
18.	Infinium Self-Service	●
19.	Infogenesis Point Of Sale	●
20.	JD Edwards Enterprise One	●
21.	JD Edwards One World	●

Connectors Enterprise and Cloud Applications (Continued)		Avatier
22.	Cost Savings Calculator	●
23.	KRONOS AS/400	●
24.	KRONOS AS/400 User/Manager	●
25.	McAfee Endpoint Encryption	●
26.	McKesson Horizon Clinical Infrastructure (HCI)	●
27.	Micros 9700 POS	●
28.	Microsoft Exchange 2010, 2013, 2016	●
29.	Microsoft Identity Manager	●
30.	Microsoft Lync	●
31.	Microsoft Office 365	●
32.	Microsoft Skype For Business Video and Conferencing Policies	●
33.	NetSuite	●
34.	PeopleSoft Remote 8.1/8.4	●
35.	PeopleSoft 8.4 and Above	●
36.	Remote Command Line	●
37.	Salesforce CRM	●
38.	SAP ECC with SOAP	●
39.	ServiceNow	●
40.	Success Factors	●
41.	Proprietary Identity Repository Database	●
Multi-Language Support		
1.	Arabic	●
2.	Catalan	●
3.	Chinese	●
4.	Chinese (Traditional)	●
5.	Czech	●
6.	Danish	●

Multi-Language Support (Continued)		Avatier
7.	Dutch	●
8.	English	●
9.	Finnish	●
10.	French	●
11.	French (Canadian)	●
12.	German	●
13.	Greek	●
14.	Hindi	●
15.	Hungarian	●
16.	Indonesian	●
17.	Italian	●
18.	Japanese	●
19.	Korean	●
20.	Norwegian	●
21.	Polish	●
22.	Portuguese	●
23.	Portuguese (Brazil)	●
24.	Russian	●
25.	Slovak	●
26.	Spanish	●
27.	Spanish (Americas)	●
28.	Swedish	●
29.	Thai	●
30.	Turkish	●
Support		
1.	Live Phone Support	●

Support (Continued)	Avatier
2. 24 x 7 x 365 Support Knowledge Base Access	●
3. 24 x 7 x 365 Access to Avatier Community	●
4. 24 x 7 x 365 Access to Your Organizations Support Cases	●
5. In Product Quick Start Guides	●
6. Embedded Context Sensitive Links To Knowledge Base Articles	●
7. Embedded Links to How To Videos	●
8. Support Knowledge Base Live Chat	●
Markets Served	
1. Consumer Goods	●
2. Education	●
3. Energy	●
4. Financial	●
5. Government	●
6. Healthcare and Pharmaceutical	●
7. Hospitality and Gaming	●
8. Manufacturing	●
9. Media	●
10. Military and Defense	●
11. Services	●
12. Technology	●
13. Utilities	●

Lifecycle **Management**

AVATIER | Identity **Anywhere**™
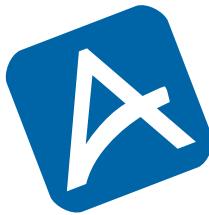
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Avatier is the Identity Management company of the future with innovative solutions for today. Avatier develops a "state of the art" identity management platform enabling organizations to scale faster, innovate quicker, conquer and embrace change, and dominate competition worldwide. Our Identity solutions are delivered using the latest Docker container technology providing the maximum flexibility, scale, and security to our customers. Our identity management and access governance solutions make the world's largest organizations more secure and productive in the shortest time at the lowest costs. Avatier brings all of your back-office business applications and employee assets together and manages them as one.

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Lifecycle Feature Matrix **18**