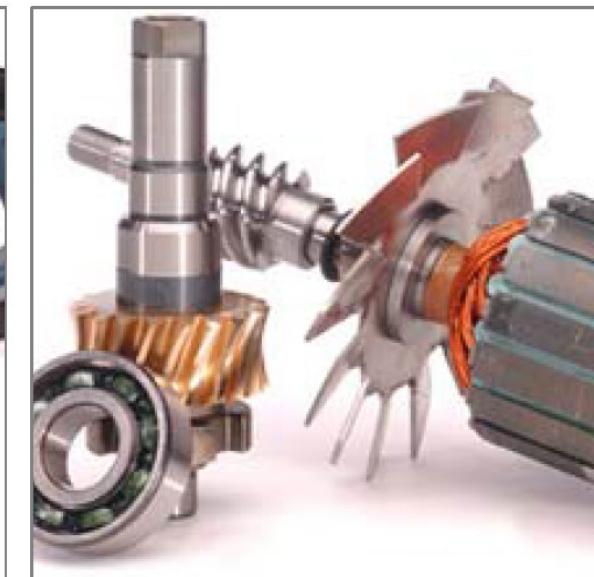
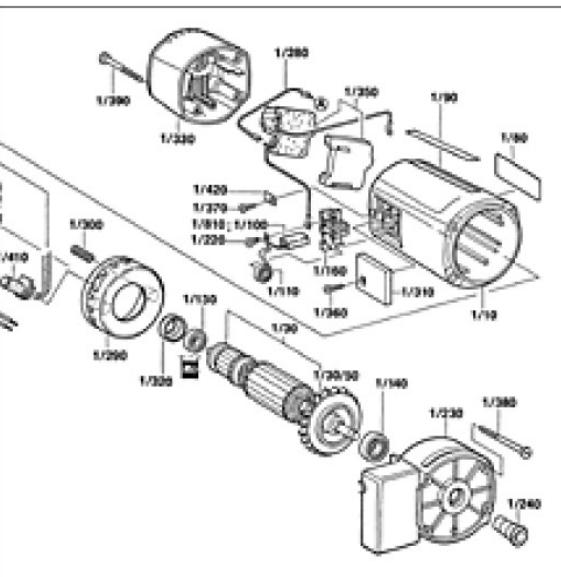


Functional Specifications Document

BOSCH

Robert Bosch Parts Service On Line (PSOL)



Wednesday, April 13, 2005

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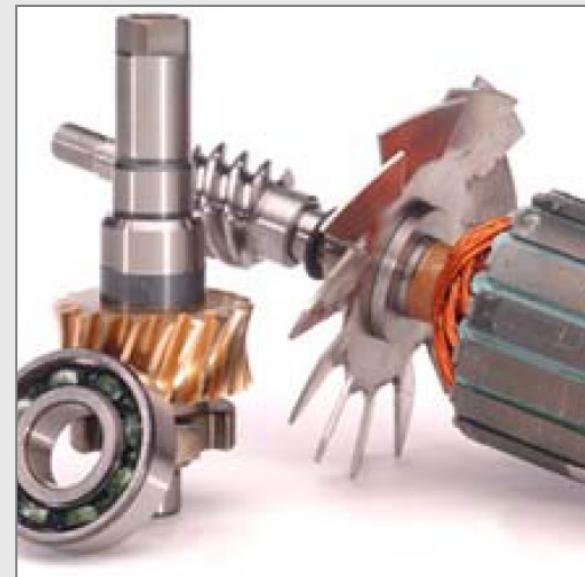
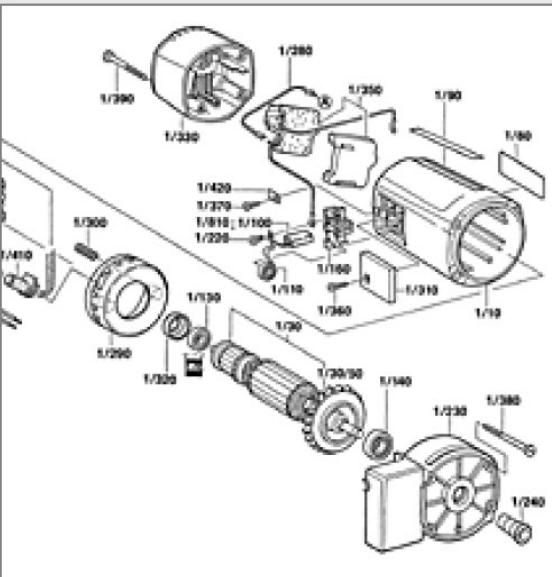
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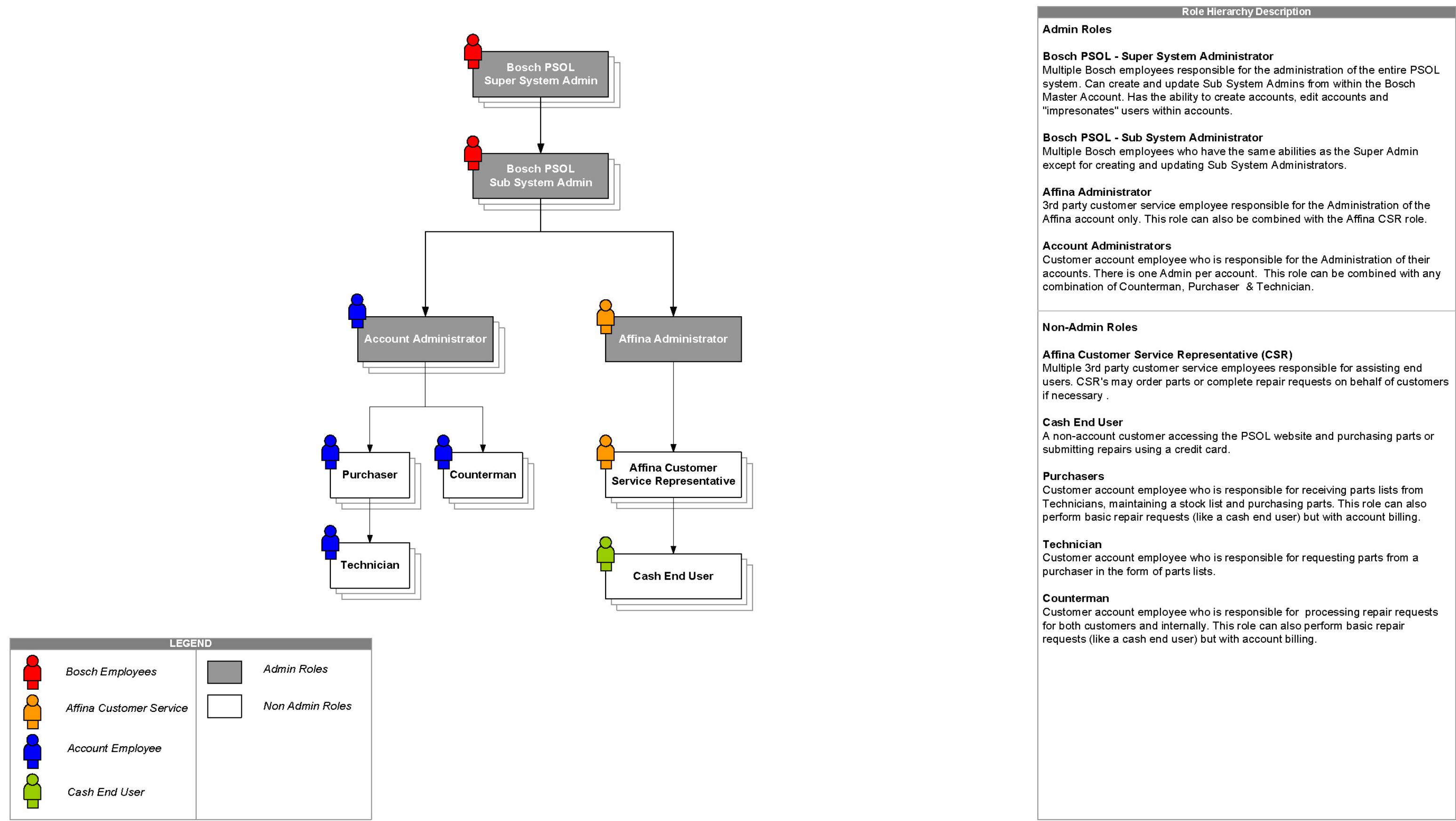
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Administration





Admin Navigation

Pre-Login State

Admin Navigation State A

Admin Navigation State B

Admin Navigation State C

Admin Navigation State D

Admin User Navigation States based on roles

Admin Type	Roles	Navigation State
Super System Admin	None	A
Super System Admin	Impersonate Another User	Other Users State
Sub System Admin	None	A
Sub System Admin	Impersonate Another User	Other User Nav
Account Admin	None	A
Account Admin	Purchaser	B
Account Admin	Counterman	C
Account Admin	Technician	D
Account Admin	Purchaser with Counterman, Technician or both	B
Account Admin	Counterman & Technician	C
Affina Admin	None	A
Affina Admin with CSR	None	B

Use Case Mapping

Related Use Case #	Use Case Name	Notes
M.5.2	Navigation	

Interaction Notes

Element	Element Type	System Response
Bosch Logo	Logo	Takes the user to their Welcome page.
Home	Navigation Link	Takes the user to their Welcome page.
Logout	Navigation Link	Logs the user out and takes them to PSOL Home page.
My Profile	Navigation Link	Takes the user to their 'My Profile' page.
View Cart	Navigation Link	Takes the user to their Shopping Cart.
Admin	Navigation Link	This is the default navigational item for the Super System Admin & the Sub System Admin. It is also the default for the Affina Admin, the ASC Admin & the Service Account Admin if they have no other PSOL roles.
Search	Navigation Link	Takes the user to the main Search page.
Repairs	Navigation Link	Takes the user to the main Repairs page.
Parts	Navigation Link	Takes the user to the main Parts page.
Orders	Navigation Link	Takes the user to the user to the main orders page.
Quick Search	Search Types	Provides tool, part and search functionality. Also provides account and user search functionality for Super & Sub Admin. Displays results page.
Quick Search Input	Input Field	Character Length TBD.
Quick Search Go	Button	Takes the user to results pages. Tool and parts search will display results within the main search area. Account and User search will display results within the Admin area.
Footer	Contextual Links	Standard BoschTools.com footer navigation. Links open new window for: Contact Bosch PSOL Contact Bosch PSOL Bosch Gear, Product Registration, Where to Buy, Boschtools.com, Bosch Worldwide, Legal / Privacy Policy. Copyright notice displayed.

Content Note

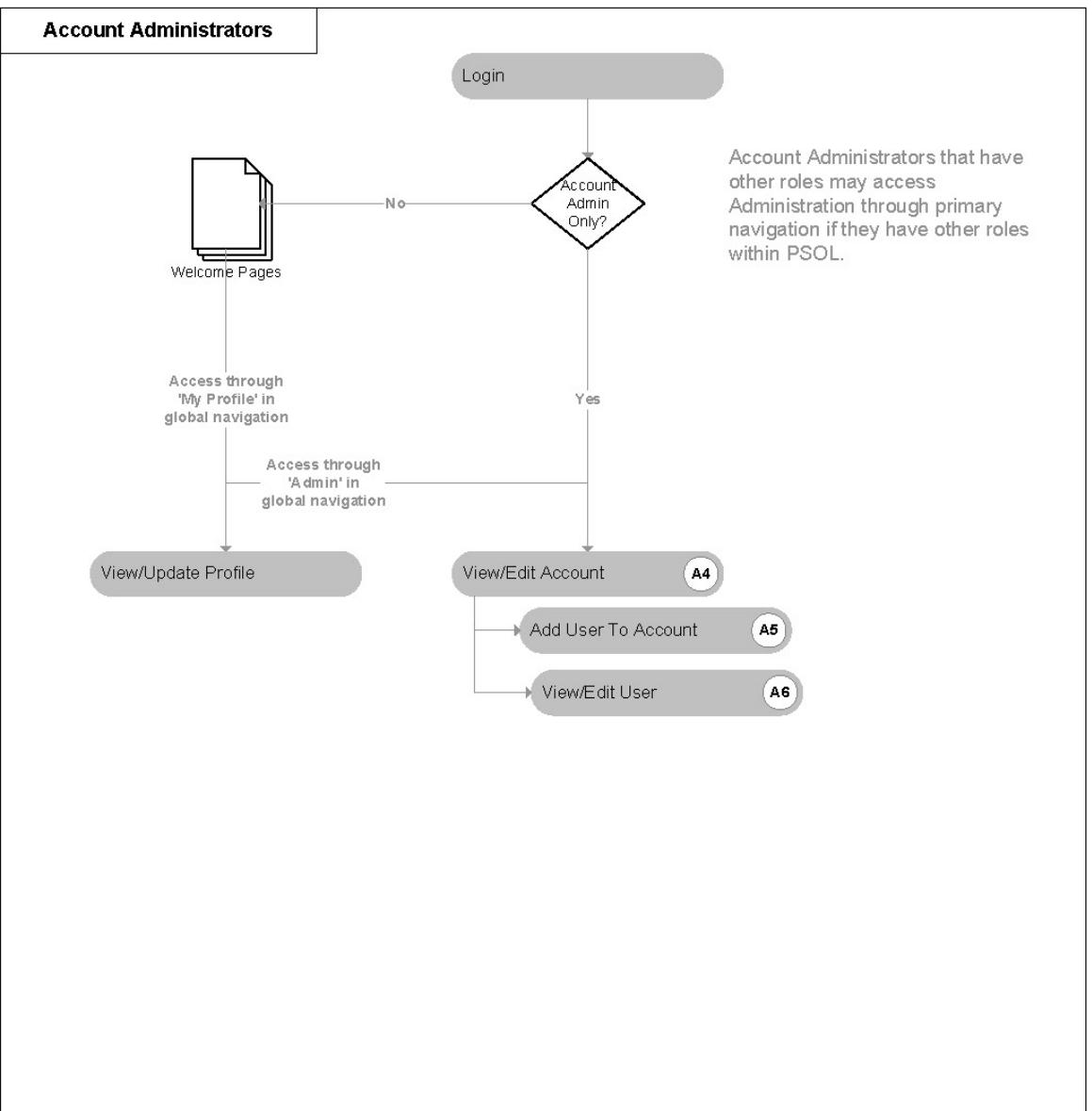
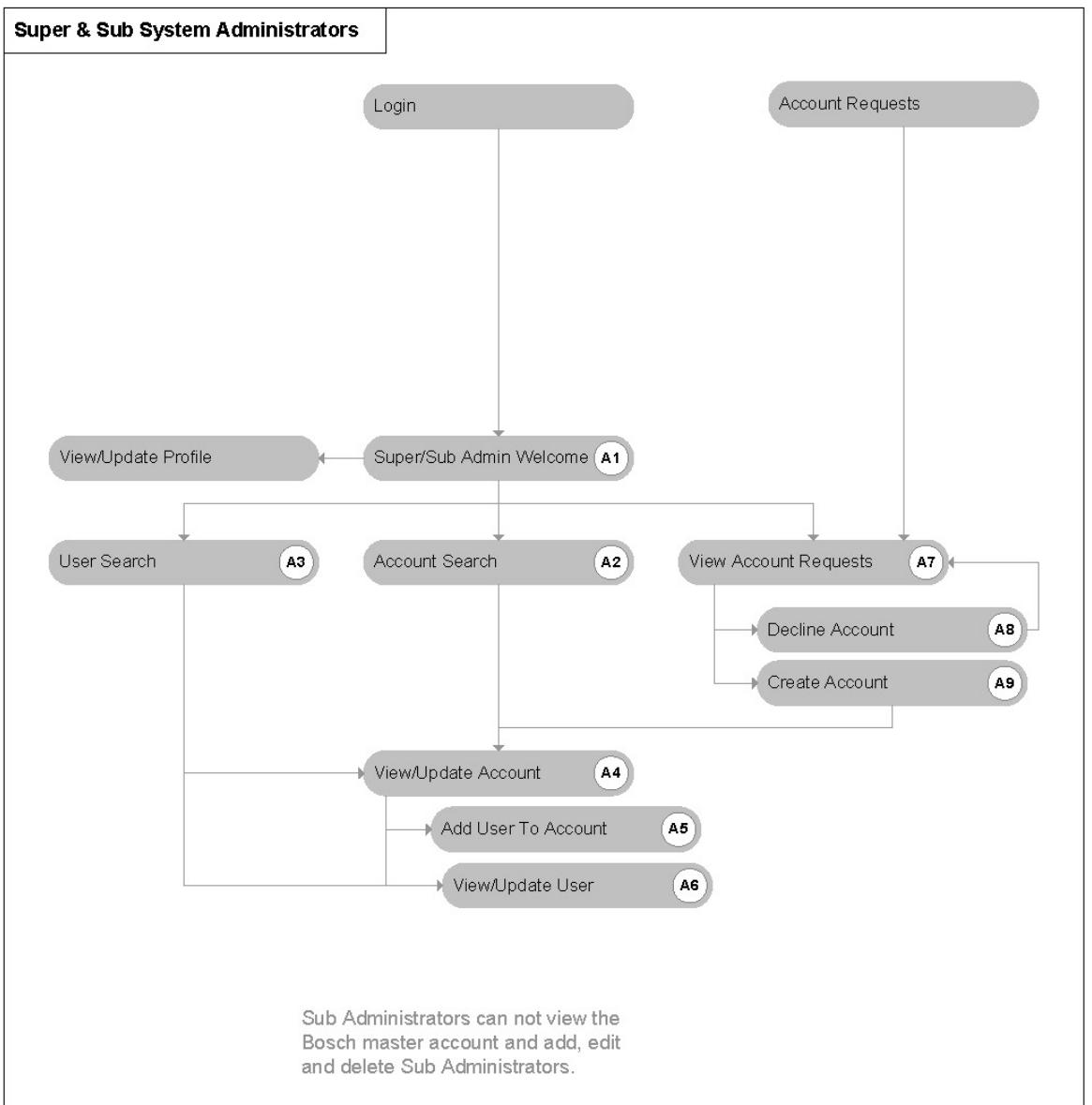
Element	Element Type	Notes
Welcome Message	Personalized Text	Includes Username & Account Name.

Quick Search

Quick Search for Admin only

Quick Search with Admin + other roles

Only Super & Sub Admin would see the Admin Search features within Quick Search



Workflow Impact	
User Type	User Role
All	All

INTERACTION NOTES**Administration Roles**

Super System Administrator

Sub System Administrator

Account Administrators:

- Affina Administrator
- Account Administrators
- Partner Administrators (Accounts & ASC's)

Role Combinations

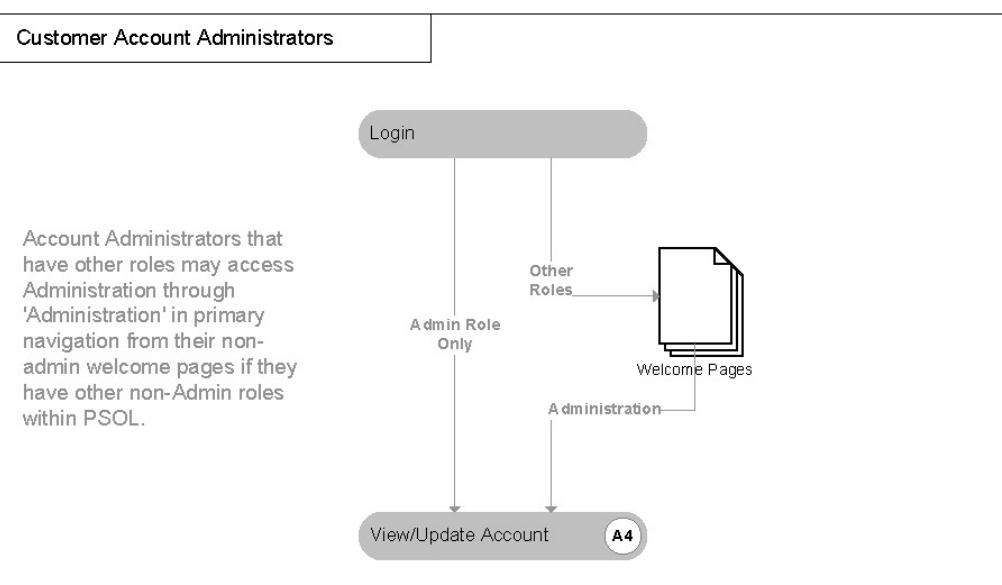
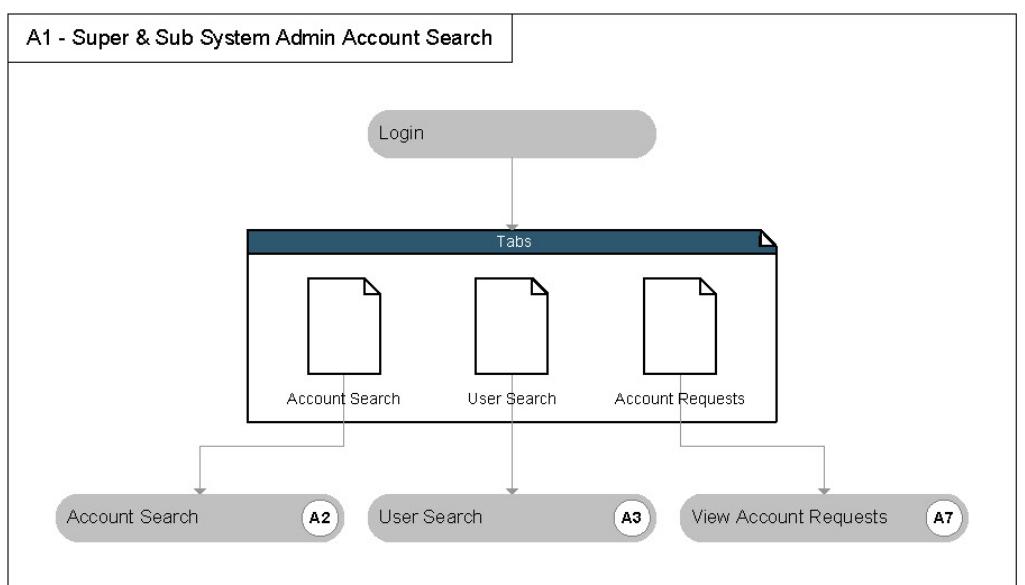
Account Administrators * Partner Administrators (Accounts & ASC's) can also own the purchaser and technician roles within their own account..

The Affina Administrator can be combined with the Affina Customer Service Representative (CSRs).

Account Admin Validation

Is the user the account admin only?
If no, show appropriate Welcome screen based on roles.
If yes, show Account Detail page.

LEGEND	
Page	User Action
#	Name
Multiple Pages	System Decision
#	Name
Popup Window	Process
# POP	Name
Form Page	Error Page
# FORM	#
Inline Error	
#	Name



Workflow Impact	
User Type	User Role
Multiple - See section label	

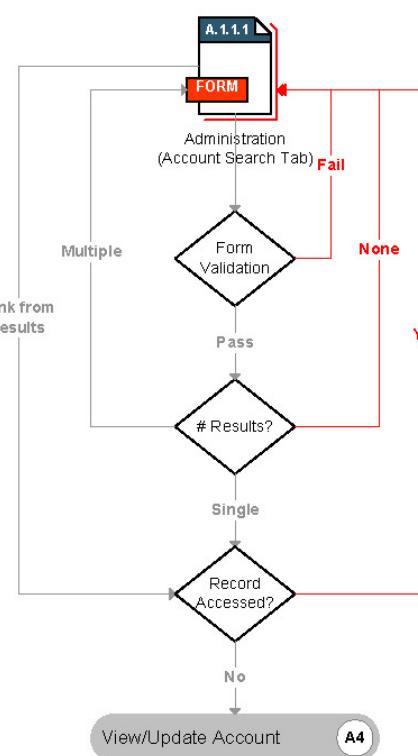
INTERACTION NOTES**Default Tabs**

The Account Search is the default tab for both the Super and Sub System Administrators.

Welcome Pages for Account Administrators

The Affina Admin, Partner Acct Admins & Account User Admins will view their non-Admin welcome screens if they have other roles (purchaser and/or technician). They will then have the ability to administer their account by selecting 'Administration' in the secondary navigation.

LEGEND	
Page	User Action
#	Name
Multiple Pages	System Decision
#	Name
Popup Window	Process
#	Name
Form Page	Error Page
#	#
Inline Error	
#	Name



Workflow Impact	
User Type	User Role
Bosch PSOL	Super System Admin
Bosch PSOL	Sub System Admin

INTERACTION NOTES**Validation****Form Validation**

If pass, calculate the number of results
If fail, display an error.

Number Of Results

If no results, display zero results message
If multiple results display results
If a single result, go to the Account Detail

Record Accessed?

Is another user accessing the page?
If yes, display error
If no, go to page

Default Tabs

The Account Search is the default tab for both the Super and Sub System Administrators.

Account Administrators Account Search

Because Account Administrator only have the capability of viewing their own accounts, they do not need search functionality. They are immediately taken to View/Update Account.

LEGEND

Page		User Action	
Multiple Pages		System Decision	
Popup Window		Process	
Form Page		Error Page	
Inline Error			

PSOL Administration

- [PSOL Accounts](#)
- [PSOL Users](#)
- [PSOL Account Requests \(7\)](#)

Locate An Existing Account
* Required information

Bosch Accounts	<input type="button" value="Select"/>	<input type="button" value="Search"/>
Customer Accounts Search by Customer Number, Account Information or Online Account Status.		
Customer Number*	<input type="text"/>	<input type="button" value="Search"/>
Minimum 3 characters		
Account Name*	<input type="text"/>	<input type="button" value="Search"/>
Minimum 3 characters		
City	<input type="text"/>	State: <input type="button" value="Select"/> ZIP Code: <input type="text"/>
<input type="button" value="Search"/>		
Online Account Status	<input type="button" value="Select"/>	<input type="button" value="Search"/>

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Bosch Accounts

<input type="button" value="Select"/>
Bosch Master Account
Affina Account

Super System Administrators
can access all Bosch master
accounts

Online Account Status

<input type="button" value="Select"/>
Online
Offline

Sub System Administrators
can only access Affina

Wireframe Information			
Use Case Section	User Type	Role/s	Wireframe #
A (Admin)	Bosch PSOL	Super System Administrator Sub System Administrator	A.1.1.1

Use Case Mapping		
Related Use Case #	Use Case Name	Notes
A.1.1	Account Search	

Interaction Notes		
Element	Element Type	System Response
Bosch Accounts	Drop Down Menu	Displays search results page of Bosch accounts selected.
Customer Number	Form Field	Alphanumeric. Will not search if less than 3 characters are entered. Will accept partial or wildcard searches. Displays search results for matching customer numbers.
Account Name	Form Field	Alphanumeric. Will not search if less than 3 characters are entered. Will accept partial or wildcard searches.
City	Form Field	Will accept alphanumeric, hyphen and period characters.
State	Drop Down Menu	Fifty US states abbreviations sorted alphabetically. 'Select' is default.
ZIP Code	Form Field	Will accept alpha and numeric.
Online Account Status	Drop Down Menu	Displays results for selected online account status.
Search	Button	Runs search on criteria selected. Display search results.
PSOL Users Tab	Image Link	Displays User Search page.
PSOL Account Requests	Image Link	Displays Account Requests page. Number of requests indicated in tab.

Content Note		
Element	Element Type	System Response

General Notes	
Area	Note
Customer Number	Will accept partial or wildcard entries.
Account Name	Will accept partial or wildcard entries.
Account deactivation	Setting an account to 'offline' will not deactivate it in SAP. Must be done manually.

PSOL Administration

PSOL Accounts **PSOL Users** **PSOL Account Requests (7)**

Locate An Existing Account
* Required information

Bosch Accounts	<input type="button" value="Select"/>	<input type="button" value="Search"/>			
Customer Accounts Search by Customer Number, Account Information or Online Account Status.					
Customer Number *	<input type="text"/>	<input type="button" value="Search"/>			
Minimum 3 characters					
Account Name*	<input type="text"/>	<input type="button" value="Search"/>			
City:	<input type="text"/>	State: <input type="button" value="Select"/>			
ZIP Code:	<input type="text"/>	<input type="button" value="Search"/>			
Online Account Status	<input type="button" value="Select"/>	<input type="button" value="Search"/>			
Search Results for "Search Parameter" Click on the Account Name to see the Account Detail page. Online Status: Red = Offline, Green = Online					
Displaying results 1 to 10 of 40 View All					
Account Name	Customer #	City	State	ZIP	Online Status
Account Name One	1234567890	Hampshire	NH	12345-2111	
Account Name Two	1234567890	Chicago	IL	12345-0000	
Account Name Three	1234561111	Chicago	IL	12345-2222	
Account Name Four	1112223334	Phoenix	AZ	12345-1234	
Account Name Five	1234555555	Austin	TX	55441-0000	
Account Name Six	1234567888	Rockville	MA	44444-1234	
Account Name Seven	1234555555	Bloomington	IN	12345-1234	
Account Name Eight	1234567888	Dallas	TX	44444-0000	
Account Name Nine	1234555555	Peoria	IL	12000-1234	
Account Name Ten	1234567888	Hampshire	NH	44455-0000	
< Previous Page 1 2 3 4 Next >					

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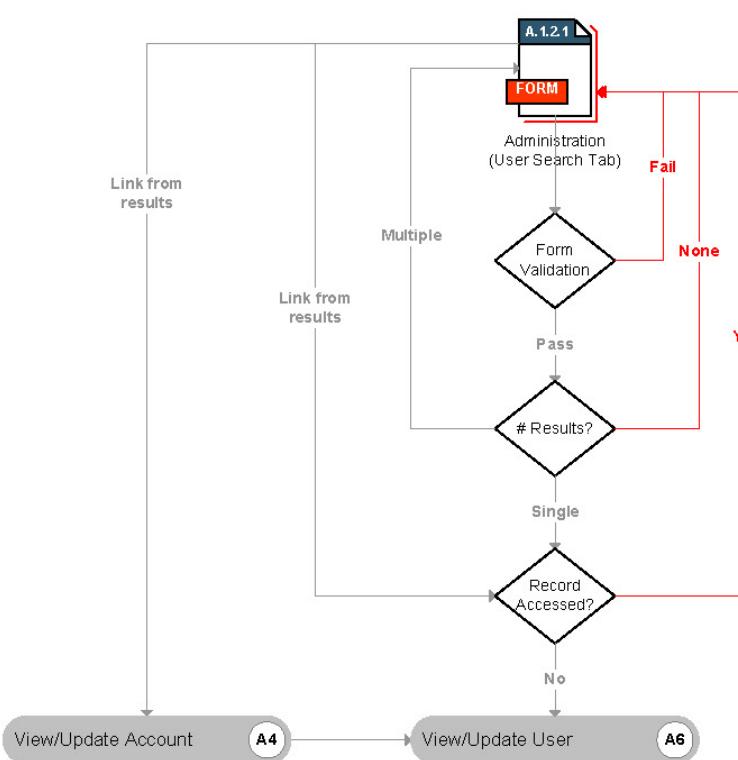
Wireframe Information			
Use Case Section	User Type	Role/s	Wireframe #
A (Admin)	Bosch PSOL	Super System Administrator	A.1.1.2

Use Case Mapping		
Related Use Case #	Use Case Name	Notes
A.1.1	Account Search	

Interaction Notes		
Element	Element Type	System Response
Bosch Accounts	Drop Down Menu	Displays search results page of Bosch accounts selected.
Customer Number	Form Field	Numeric only. Will not search if less than 3 characters are entered. Will accept partial or wildcard searches. Displays search results for matching customer numbers.
Account Name	Form Field	Will accept Alphanumeric characters.
City	Form Field	Will accept Alphanumeric characters, periods and hyphens.
State	Drop Down Menu	Drop down displays abbreviations of 50 states in alphabetical order. 'Select' is default.
ZIP Code	Form Field	Will accept Alphanumeric characters.
Search	Button	Runs search on criteria selected, display search results.
View All	Contextual Link	Displays full search results set on one page without pagination.
Account Name	Contextual Links	Displays View/Update Account page.
Pagination	Contextual Links	Displays selected page in search results.
Prev/Next	Contextual Link	Displays next or previous page of search results.
PSOL Users Tab	Image Link	Displays User Search page.
PSOL Account Requests	Image Link	Displays Account Requests page.

Content Note		
Element	Element Type	System Response
Online Status	Image	Red image displays if the account is offline in PSOL. Green image displays if account is online in PSOL. This does not reflect SAP account status, only PSOL.

General Notes		
Area	Note	



Workflow Impact	
User Type	User Role
Bosch PSOL	Super System Admin
Bosch PSOL	Sub System Admin

INTERACTION NOTES	
Validation/Edits	Form Validation If pass, calculate the number of results If fail, display an error.
Number Of Results	If no results, display zero results message If multiple results display results If a single result, go to the User Detail
Record Accessed?	Is another user accessing the page? If yes, display error If no, go to page
Results	Results display on the same page as the search form. User results also display accounts and allows the user to link to the Account Detail.

LEGEND	
Page	User Action
[Icon: Document with #]	Name
[Icon: Three stacked documents with #]	System Decision
[Icon: Document with POP]	Process
[Icon: Document with FORM]	Error Page
[Icon: Document with red border]	Inline Error

BOSCH
Parts Service On Line

PSOL Administration

- [PSOL Accounts](#)
- [PSOL Users](#)
- [PSOL Account Requests \(7\)](#)

Locate An Existing User
* Required information

By User & Account Names
Enter search criteria in at least one of the following fields

Last Name:	<input type="text" value="Valenta"/>	First Name:	<input type="text"/>
Account Name:	<input type="text" value="Account Name"/> <input type="button" value="Search"/>		

By Customer Number

Customer Number: * <input type="text"/>	<input type="button" value="Search"/>
Minimum 3 characters	

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Wireframe Information			
Use Case Section	User Type	Role/s	Wireframe #
A (Admin)	Bosch PSOL	Super System Administrator Sub System Administrator	A.1.2.1

Use Case Mapping		
Related Use Case #	Use Case Name	Notes
A.1.2	User Search	

Interaction Notes		
Element	Element Type	System Response
Last Name	Form Field	Requires at least one character.
First Name	Form Field	Requires at least one character.
Account Name	Form Field	Will accept Alphanumeric. Requires at least one character.
Customer Number	Form Field	Alphanumeric. Will not search if less than 3 characters are entered. Will accept partial or wildcard searches. Displays search results for matching customer numbers.
Search	Buttons	Runs search on criteria selected, displays search results.
PSOL Accounts Tab	Image Link	Displays Account Search page.
PSOL Account Requests	Image Link	Displays Account Requests page.

Content Note		
Element	Element Type	System Response

General Notes	
Area	Note
First Name	Will accept partial or wildcard entries. Requires at least one character.
Last Name	Will accept partial or wildcard entries. Requires at least one character.
Account Name	Will accept partial or wildcard entries. Requires at least one character.
Account Name fields	At least one field must contain characters to run a search. If multiple fields are filled out the search results will be only for matches on all fields.
Customer Number	Will accept partial or wildcard entries. Requires at least three characters.