



# SPACE LABS

HEALTHCARE

An OSI Systems Company

Sentinel Technical Training

Filter Data – Sentinel V10.0.1



## Question regarding **Filters** with V10.0.1

- Question from Numan Basheer (Sentinel Level 4)

Can a physician have a filter set so that only the data for the Facilities that He / She is interested in will be displayed in the various worklists



## Question regarding **Filters** with V10.0.1

- In the following example

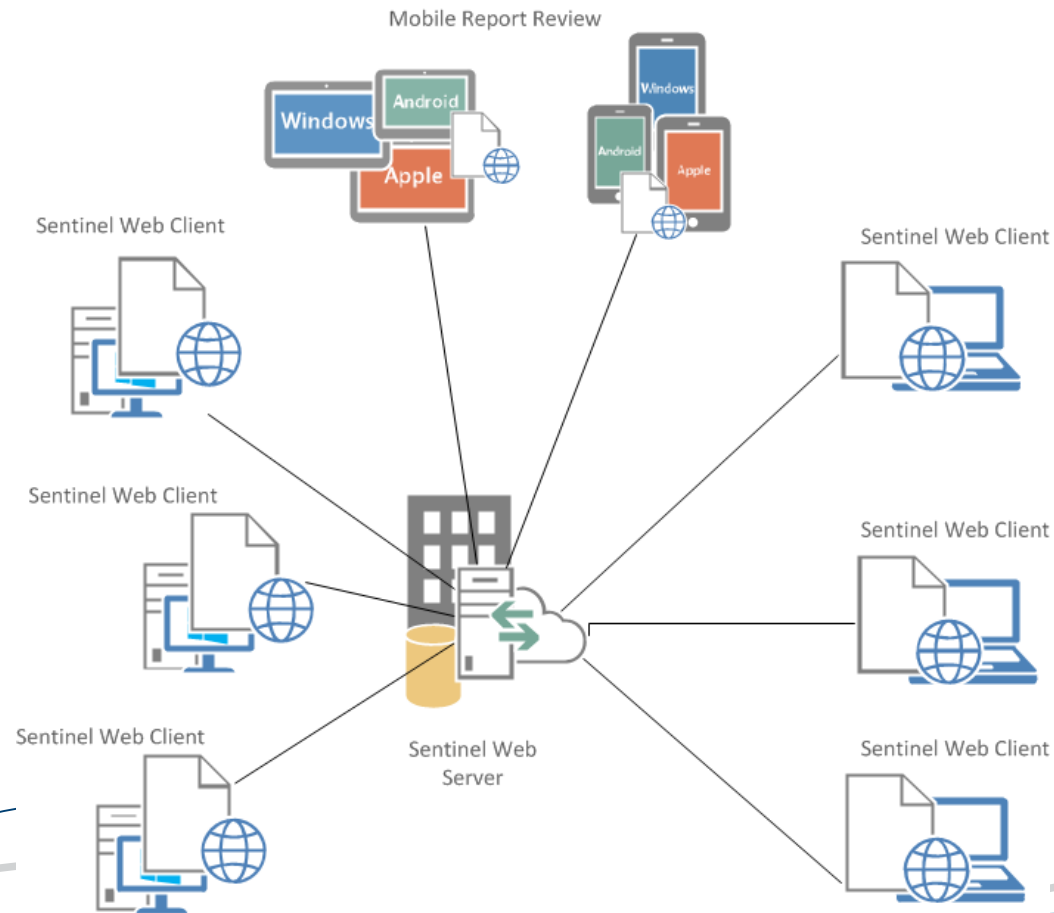
Physician1 is only interested in Patient data from Facilities 1-3 in an Organisation that has 6 facilities in total.

Physician2 is only interested in Patient data from Facilities 4-6 in an Organisation that has 6 facilities in total.



# Organisation Diagram

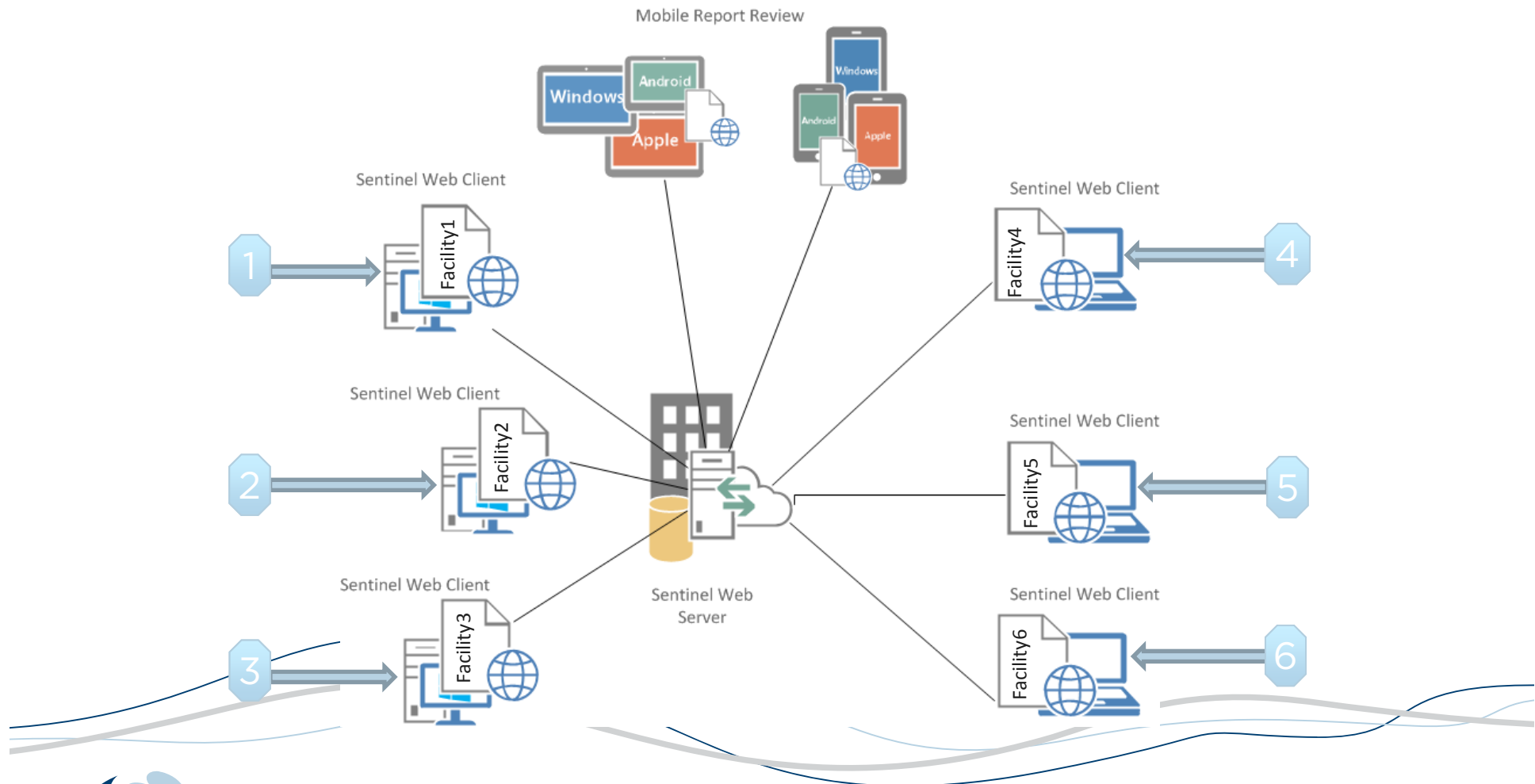
Organisation = Central Site





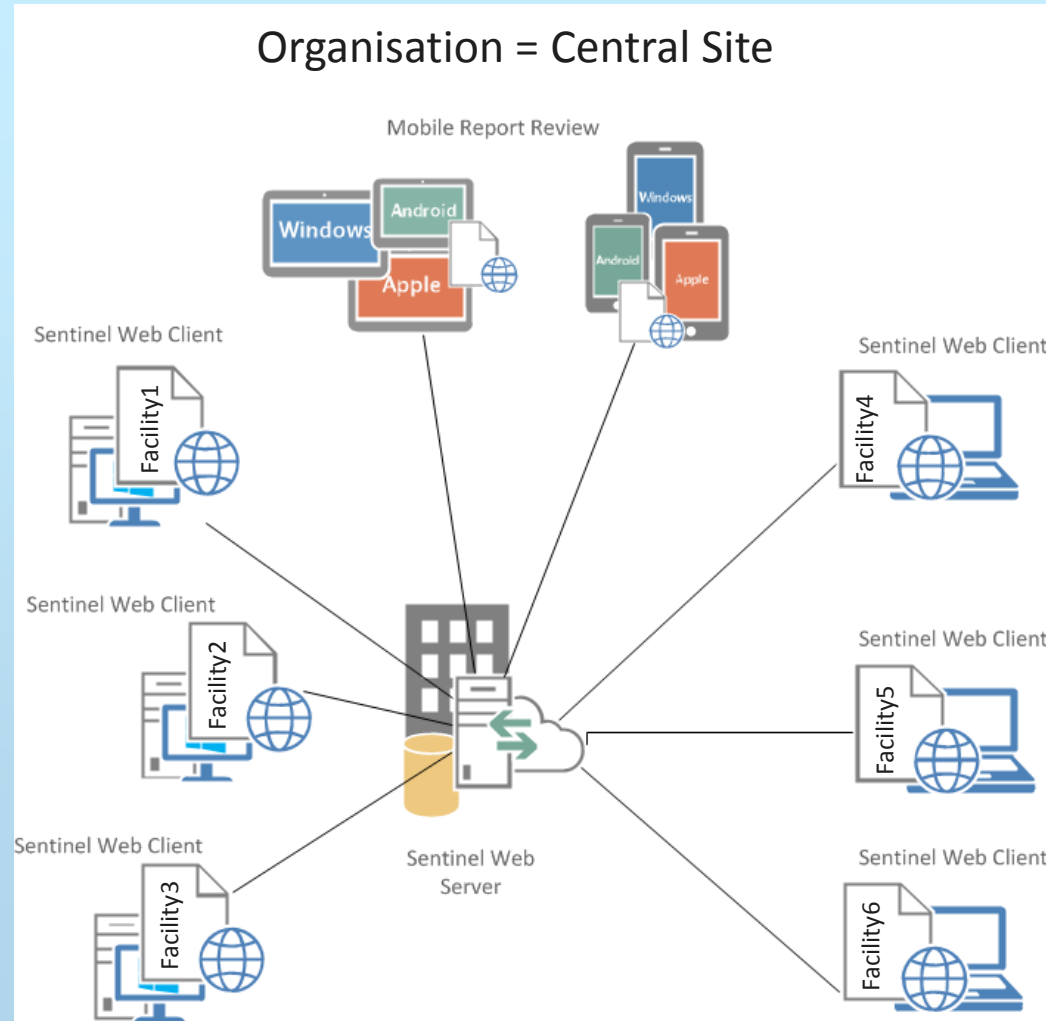
# Facilities in an Organisation

Organisation = Central Site





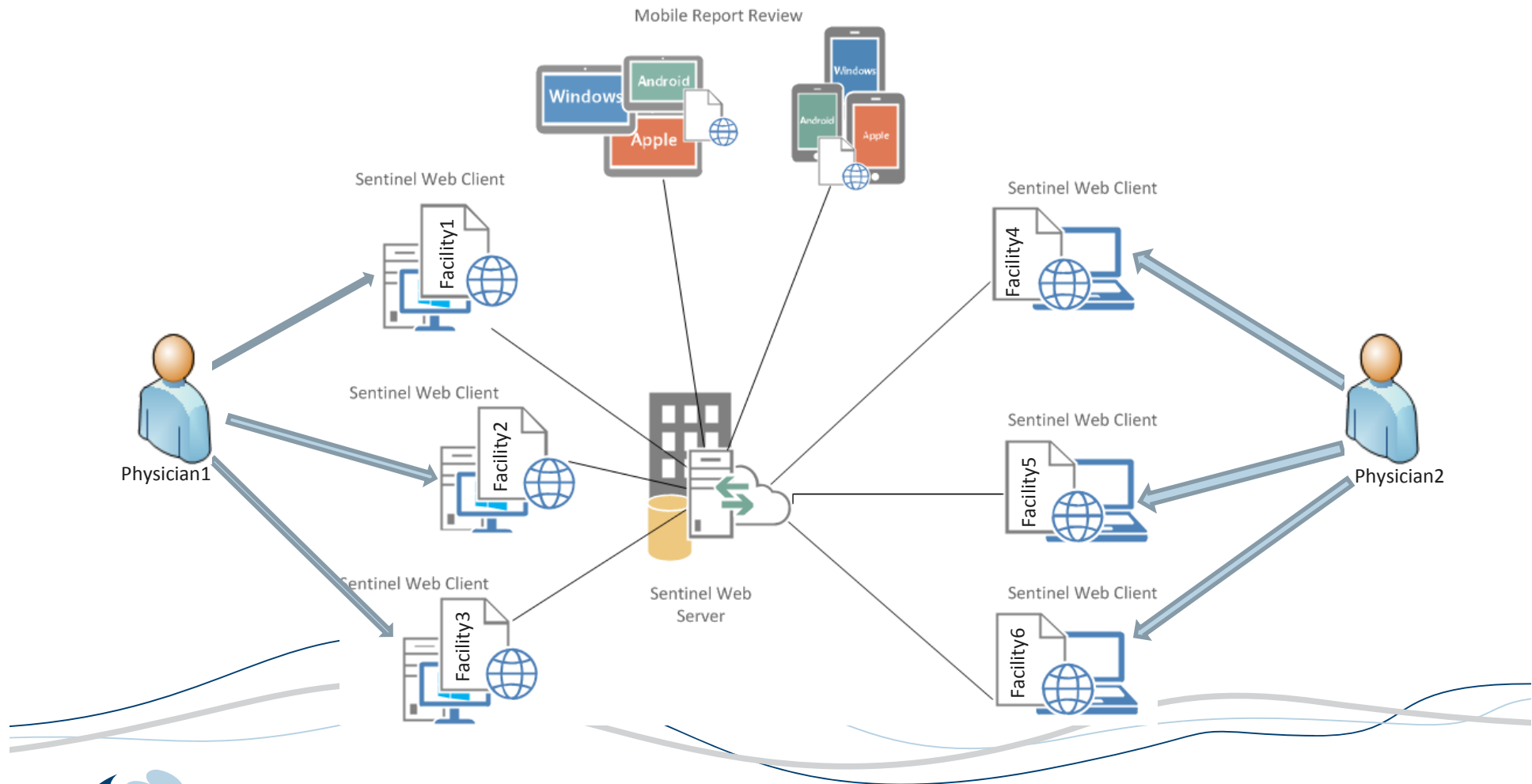
# Physician in an Organisation





# Physician responsible for Facilities

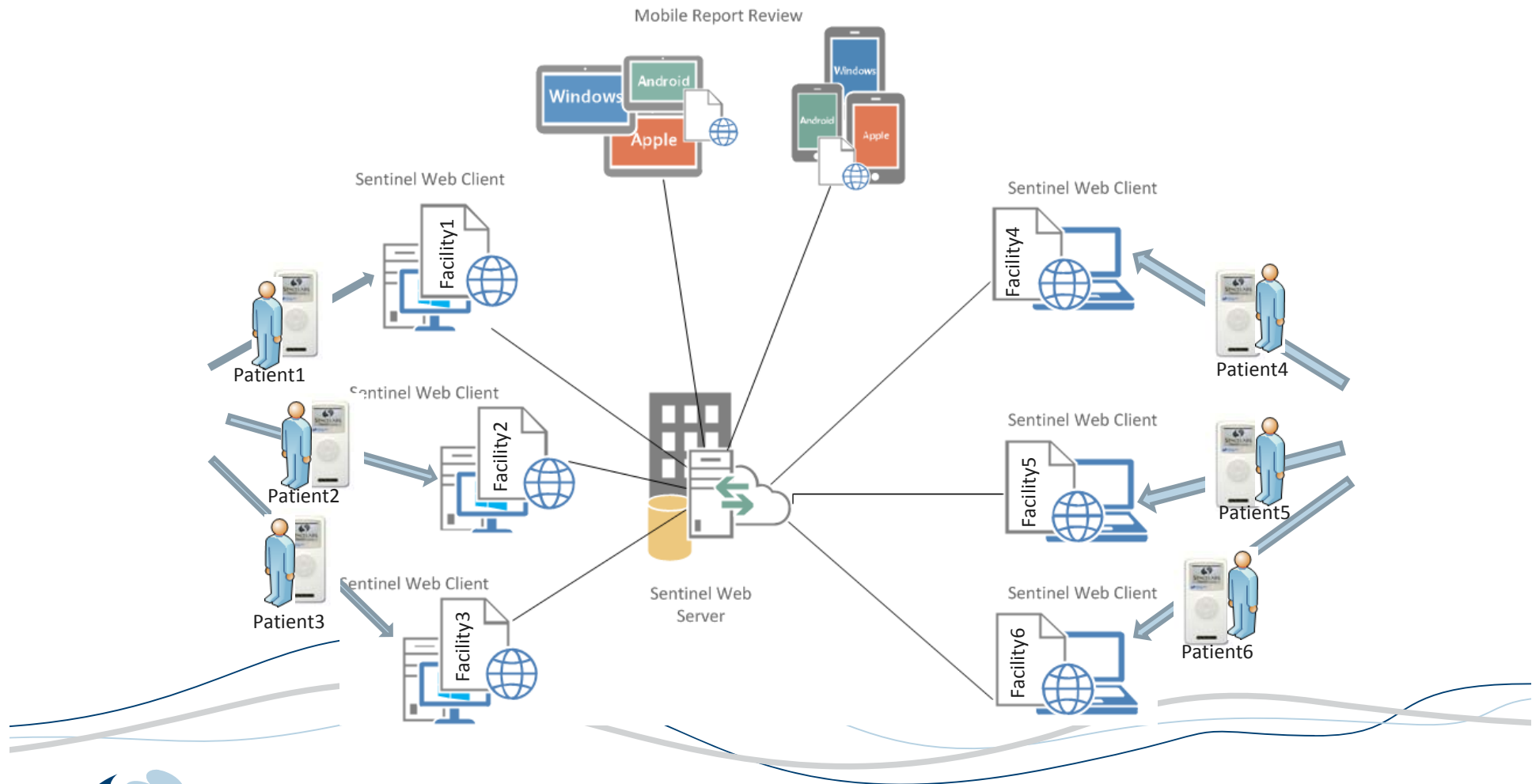
Organisation = Central Site





# Patients at Facilities

Organisation = Central Site

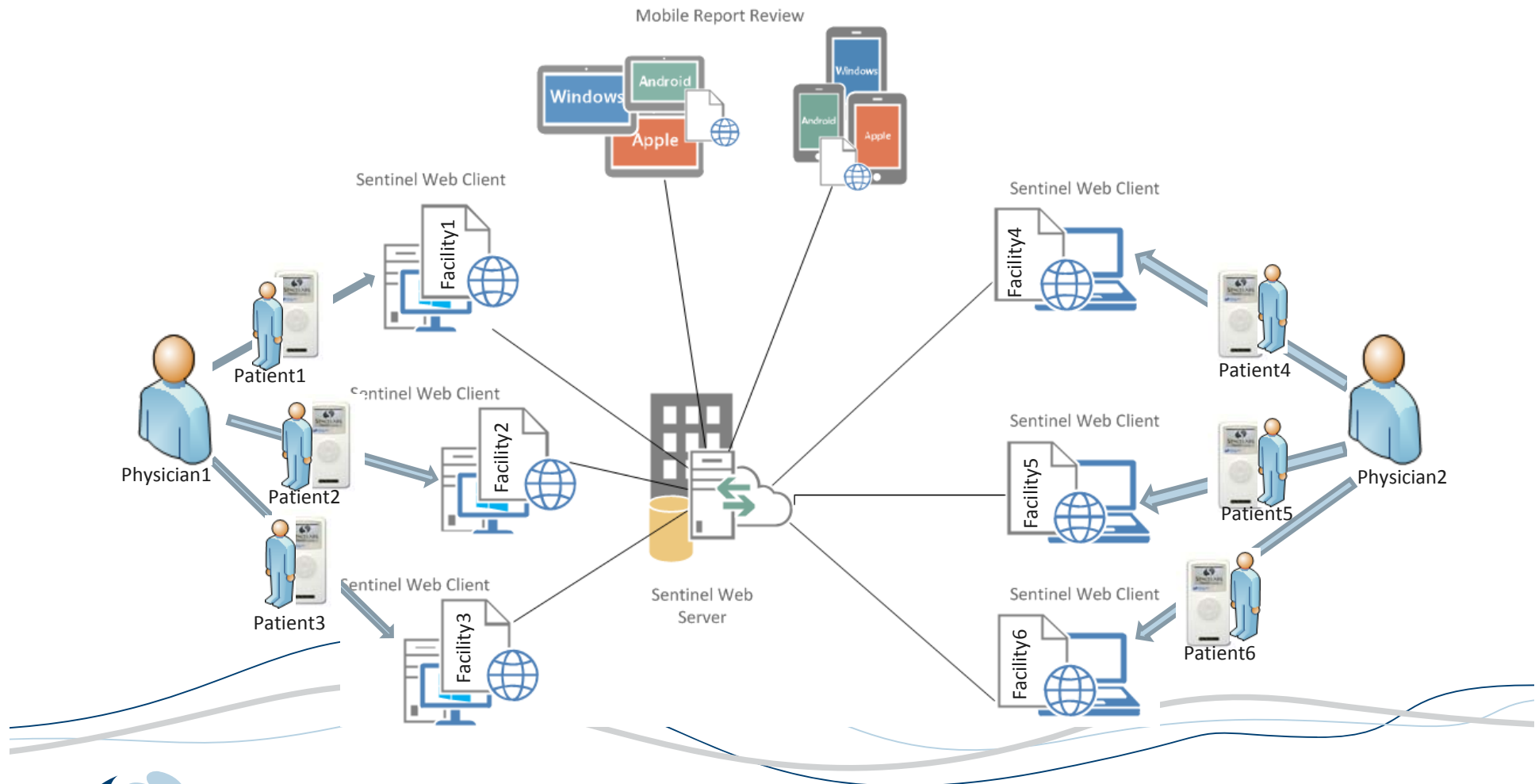






# Roles & Filters Roadmap

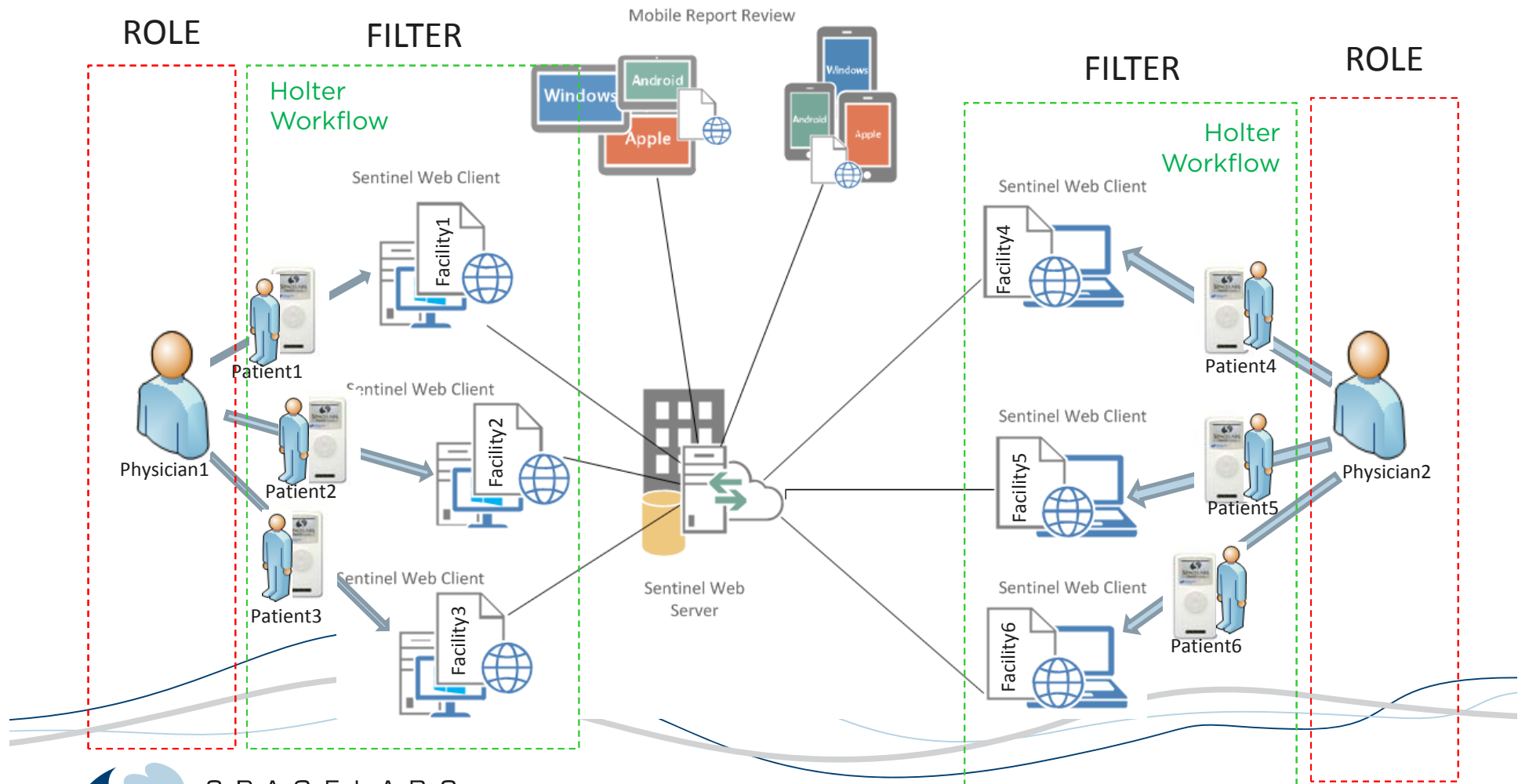
Organisation = Central Site





# Roles & Filters Roadmap

Organisation = Central Site





# Workflow

- Suggested basic workflow for creating the filter that will be applied to the Physicians for the various Facilities that they are responsible for.





# 1 Filters

## ○ Step.1 Physician1 - Filter

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Filters, copy the “Holter Tests Analysed Filter” and in the \* Name field, type “Holter Tests Physician1 Filter”
- In the Description field, type “Holter Tests Physician1 Filter”
- In the Search criteria (SQL fragment) type,  
([Test\_Download\_Facility\_Name]='Facilty1' OR [Test\_Download\_Facility\_Name]='Facilty2' OR [Test\_Download\_Facility\_Name]='Facilty3')
- Click Save



# 1 Filters

## ○ Step.1 Physician2 - Filter

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Filters, copy the “Holter Tests Analysed Filter” and in the \* Name field, type “Holter Tests Physician2 Filter”
- In the Description field, type “Holter Tests Physician2 Filter”
- In the Search criteria (SQL fragment) type,  
([Test\_Download\_Facility\_Name]='Facilty4' OR [Test\_Download\_Facility\_Name]='Facilty5' OR [Test\_Download\_Facility\_Name]='Facilty6')
- Click Save



## 2 Roles

### ○ Step.2 Physician1

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Roles, copy the Role Template and in the \* Role name field, type "Physician1"> in the Description field, type "Physician1"
- In the Caption field type "For My Review"
- In the Data grid ID field, select **HolterTestsDataGrid**
- In the Filter name field, select **Holter Tests Physician1 Filter**
- In the Colum set name field, select **Holter All Tests**
- Click Add > Save



## 2 Roles

### ○ Step.2 Physician2

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Roles, copy the Role Template and in the \* Role name field, type "Physician2"> in the Description field, type "Physician2"
- In the Caption field type "For My Review"
- In the Data grid ID field, select **HolterTestsDataGrid**
- In the Filter name field, select **Holter Tests Physician2 Filter**
- In the Colum set name field, select **Holter All Tests**
- Click Add > Save



## 3 Staff Member

### ○ Step.3 Physician1

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Users and Staff
- Select, Add staff > In the \*Staff number field, enter a valid number
- In the Last name field, enter “One”
- In the First name field, enter “Physician”
- In the Role field, select Physician1 (as created earlier)
- In the Username field, type “doc1”
- In the Password field, type “doc1”
- In the Confirm password field, type “doc1”
- Click Save





## 3 Staff Member

### ○ Step.3 Physician2

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Users and Staff
- Select, Add staff > In the \*Staff number field, enter a valid number
- In the Last name field, enter “Two”
- In the First name field, enter “Physician”
- In the Role field, select Physician2 (as created earlier)
- In the Username field, type “doc2”
- In the Password field, type “doc2”
- In the Confirm password field, type “doc2”
- Click Save



## 3 Staff Member

### ○ Step.3 Physician2

- Log into Sentinel with an Administrator (or equivalent) account
- Select, Admin>Users and Staff
- Select, Add staff > In the \*Staff number field, enter a valid number
- In the Last name field, enter “Two”
- In the First name field, enter “Physician”
- In the Role field, select Physician2 (as created earlier)
- In the Username field, type “doc2”
- In the Password field, type “doc2”
- In the Confirm password field, type “doc2”
- Click Save



# Example Filter – Physician1

## ○ Filter – Physician1

**Edit filter**

Cancel Save

**Filter details**

\* Name: Holter Tests Physician1 Filter

Data grid ID: HolterTestsDataGrid

Description: Holter Tests Physician1 Filter

**Search criteria (SQL fragment)**

[(Test\_Download\_Facility\_Name]='Facility1' OR [Test\_Download\_Facility\_Name]='Facility2' OR [Test\_Download\_Facility\_Name]='Facility3']

\* Criteria

Test

**Sorting**

Sort column: Test\_RecordingStartDateTime

Sort order: Descending



## Example Role – Physician1

- Role – Physician1

Edit role - Physician1

Cancel
Save

Role details

\* Role name
Physician1

Description

Physician1

Permissions

Sign	<input checked="" type="checkbox"/>	Download/Acquire recording	<input checked="" type="checkbox"/>	Add case	<input checked="" type="checkbox"/>	Analyse Holter	<input checked="" type="checkbox"/>
Delete	<input checked="" type="checkbox"/>	Configure recorder	<input checked="" type="checkbox"/>	Edit case	<input checked="" type="checkbox"/>	Edit test details	<input checked="" type="checkbox"/>
Delete patient (with no tests)	<input checked="" type="checkbox"/>	Add patient	<input checked="" type="checkbox"/>	Send to facility	<input checked="" type="checkbox"/>	Move test to patient	<input checked="" type="checkbox"/>
Review and print	<input checked="" type="checkbox"/>	Edit patient	<input checked="" type="checkbox"/>	Return report to originator	<input checked="" type="checkbox"/>	Export test	<input checked="" type="checkbox"/>
Import	<input checked="" type="checkbox"/>	Complete test	<input checked="" type="checkbox"/>	Change own password	<input checked="" type="checkbox"/>	Add/Edit staff	<input checked="" type="checkbox"/>
Add/Edit facility	<input checked="" type="checkbox"/>	Admin	<input type="checkbox"/>	Edit report comments	<input checked="" type="checkbox"/>	Create order	<input checked="" type="checkbox"/>
Pathfinder SL	<input checked="" type="checkbox"/>	Pathfinder Digital	<input checked="" type="checkbox"/>	Lifescreeen	<input checked="" type="checkbox"/>	Create unordered test	<input checked="" type="checkbox"/>

Auto complete lists which show staff with this role

Physician list
☐

Technician list
☐

Data grid filters and columns

Add		AbpTestsDataGrid	ABP Tests All Filter	ABP All Tests
Delete				
Up				
Down				
	Caption	Data grid ID	Filter name	Column set name
	All	StressTestsDataGrid	Stress Tests All Filter	Stress All Tests
	All	RestingRhythmTestsDataGrid	Resting and Rhythm Tests All Filter	Resting and Rhythm All Tests
	All	AbpTestsDataGrid	ABP Tests All Filter	ABP All Tests
	Rhythm	AllTestsDataGrid	All Tests Rhythm Filter	All Tests
	Declined	HolterTestsDataGrid	Holter Tests Declined Filter	Holter Declined Tests
	Stress	AllTestsDataGrid	All Tests Stress Filter	All Tests
	All	HolterTestsDataGrid	Holter Tests All Filter	Holter All Tests
	Ergospirometry	AllTestsDataGrid	All Tests Ergospirometry Filter	All Tests
	For My Review	HolterTestsDataGrid	Holter Tests Physician1 Filter	Holter All Tests

Mandatory filters

Restrict to my ward
☐

Restrict to my organisation
☐

Restrict to my facility
☐



# Example Review – Physician1

## ○ Review (All) No Filter – Physician1

Home

Holter

Configure recorder for order

Configure recorder for patient

Download recording

Review test

Reports

New Pathfinder SL analysis

Resume analysis

Play voice

Analyses

Edit patient

Edit test details

Complete test

Change patient

Import/Export

Other actions

Configured

Pending Analysis

Analysed

Completed/Confirmed

Declined

All

For My Review

Search criteria

ID

Date of birth

First name

Ward/Dept

Last name

Clear

Refresh

Page 1

Patient ID	Name	Date of birth	Start time	Test status	Duration	Download facility
Patient1	One, Patient	01/01/1961	05/08/2004 13:02:00	Data acquired	23:43:02	Facility1
Patient2	Two, Patient	01/02/1964	05/08/2004 13:02:00	Data acquired	23:43:02	Facility2
Patient4	Four, Patient	04/01/1967	05/08/2004 13:02:00	Data acquired	23:43:02	Facility4
Patient3	Three, Patient	02/03/1965	05/08/2004 13:02:00	Data acquired	23:43:02	Facility3
160820161530	Download1, Holter	19/01/1965	05/08/2004 13:02:00	Unconfirmed	23:43:02	Central Site
Patient5	Five, Patient	05/01/1978	05/08/2004 13:02:00	Data acquired	23:43:02	Facility5
Patient6	Six, Patient	06/01/1963	05/08/2004 13:02:00	Data acquired	23:43:02	Facility6

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# Example Review – Physician1

## ○ Review with Filter – Physician1

**Holter**

Configure recorder for order  
Configure recorder for patient  
Download recording  
Review test  
Reports  
New Pathfinder SL analysis  
Resume analysis  
Play voice  
Analyses  
Edit patient  
Edit test details  
Complete test  
Change patient  
Import/Export  
Other actions

Configured Pending Analysis Analysed Completed/Confirmed Declined All **For My Review**

Search criteria

ID  Date of birth  Clear  
First name  Ward/Dept  Refresh  
Last name

Page 1

Patient ID	Name	Date of birth	Start time	Test status	Duration	Download facility
<b>Patient1</b>	<b>One, Patient</b>	<b>01/01/1961</b>	<b>05/08/2004 13:02:00</b>	<b>Data acquired</b>	<b>23:43:02</b>	<b>Facility1</b>
Patient2	Two, Patient	01/02/1964	05/08/2004 13:02:00	Data acquired	23:43:02	Facility2
Patient3	Three, Patient	02/03/1965	05/08/2004 13:02:00	Data acquired	23:43:02	Facility3



## Example Filter – Physician2

### ○ Filter – Physician2

**Edit filter**

Cancel Save

**Filter details**

\* Name: Holter Tests Physician2 Filter

Data grid ID: HolterTestsDataGrid

Description: Holter Tests Physician2 Filter

**Search criteria (SQL fragment)**

Search criteria: `(([Test_Download_Facility_Name]='Facility4' OR [Test_Download_Facility_Name]='Facility5' OR [Test_Download_Facility_Name]='Facility6')`

\* Criteria

Test

**Sorting**

Sort column: Test\_RecordingStartDateTime

Sort order: Descending



# Example Role – Physician2

## ○ Role – Physician2

**Edit role - Physician2**

Cancel Save

**Role details**

\* Role name  Description

**Permissions**

Sign	<input checked="" type="checkbox"/>	Download/Acquire recording	<input checked="" type="checkbox"/>	Add case	<input checked="" type="checkbox"/>	Analyse Holter	<input checked="" type="checkbox"/>
Delete	<input checked="" type="checkbox"/>	Configure recorder	<input checked="" type="checkbox"/>	Edit case	<input checked="" type="checkbox"/>	Edit test details	<input checked="" type="checkbox"/>
Delete patient (with no tests)	<input checked="" type="checkbox"/>	Add patient	<input checked="" type="checkbox"/>	Send to facility	<input checked="" type="checkbox"/>	Move test to patient	<input checked="" type="checkbox"/>
Review and print	<input checked="" type="checkbox"/>	Edit patient	<input checked="" type="checkbox"/>	Return report to originator	<input checked="" type="checkbox"/>	Export test	<input checked="" type="checkbox"/>
Import	<input checked="" type="checkbox"/>	Complete test	<input checked="" type="checkbox"/>	Change own password	<input checked="" type="checkbox"/>	Add/Edit staff	<input checked="" type="checkbox"/>
Add/Edit facility	<input checked="" type="checkbox"/>	Admin	<input type="checkbox"/>	Edit report comments	<input checked="" type="checkbox"/>	Create order	<input checked="" type="checkbox"/>
Pathfinder SL	<input checked="" type="checkbox"/>	Pathfinder Digital	<input checked="" type="checkbox"/>	Lifescreeen	<input checked="" type="checkbox"/>	Create unordered test	<input checked="" type="checkbox"/>

**Auto complete lists which show staff with this role**

Physician list ☐

Technician list ☐

**Data grid filters and columns**

Add	<input type="text" value=""/>	AbpTestsDataGrid	ABP Tests All Filter	ABP All Tests
Delete		StressTestsDataGrid	Stress Tests All Filter	Stress All Tests
Up		RestingRhythmTestsDataGrid	Resting and Rhythm Tests All Filter	Resting and Rhythm All Tests
Down		AbpTestsDataGrid	ABP Tests All Filter	ABP All Tests
		AllTestsDataGrid	All Tests Rhythm Filter	All Tests
		HolterTestsDataGrid	Holter Tests Declined Filter	Holter Declined Tests
		AllTestsDataGrid	All Tests Stress Filter	All Tests
		HolterTestsDataGrid	Holter Tests All Filter	Holter All Tests
		AllTestsDataGrid	All Tests Ergospirometry Filter	All Tests
		For My Review	Holter Tests Physician2 Filter	Holter All Tests

**Mandatory filters**

Restrict to my ward ☐

Restrict to my organisation ☐

Restrict to my facility ☐





# Example Review – Physician2

## ○ Review (All) No Filter – Physician2

Home

Holter

Configure recorder for order

Configure recorder for patient

Download recording

Review test

Reports

New Pathfinder SL analysis

Resume analysis

Play voice

Analyses

Edit patient

Edit test details

Complete test

Change patient

Import/Export

Other actions

Configured

Pending Analysis

Analysed

Completed/Confirmed

Declined

All

For My Review

Search criteria

ID

Date of birth

First name

Ward/Dept

Last name

Clear

Refresh

Page 1

Patient ID	Name	Date of birth	Start time	Test status	Duration	Download facility
Patient1	One, Patient	01/01/1961	05/08/2004 13:02:00	Data acquired	23:43:02	Facility1
Patient2	Two, Patient	01/02/1964	05/08/2004 13:02:00	Data acquired	23:43:02	Facility2
Patient4	Four, Patient	04/01/1967	05/08/2004 13:02:00	Data acquired	23:43:02	Facility4
Patient3	Three, Patient	02/03/1965	05/08/2004 13:02:00	Data acquired	23:43:02	Facility3
160820161530	Download1, Holter	19/01/1965	05/08/2004 13:02:00	Unconfirmed	23:43:02	Central Site
Patient5	Five, Patient	05/01/1978	05/08/2004 13:02:00	Data acquired	23:43:02	Facility5
Patient6	Six, Patient	06/01/1963	05/08/2004 13:02:00	Data acquired	23:43:02	Facility6

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# Example Review – Physician2

## ○ Review with Filter – Physician2

**Holter**

Configure recorder for order  
Configure recorder for patient  
Download recording  
Review test  
Reports  
New Pathfinder SL analysis  
Resume analysis  
Play voice  
Analyses  
Edit patient  
Edit test details  
Complete test  
Change patient  
Import/Export  
Other actions

Configured Pending Analysis Analysed Completed/Confirmed Declined All **For My Review**

Search criteria

ID  Date of birth  Clear  
First name  Ward/Dept  Refresh  
Last name

Page 1

Patient ID	Name	Date of birth	Start time	Test status	Duration	Download facility
Patient4	Four, Patient	04/01/1967	05/08/2004 13:02:00	Data acquired	23:43:02	Facility4
Patient5	Five, Patient	05/01/1978	05/08/2004 13:02:00	Data acquired	23:43:02	Facility5
Patient6	Six, Patient	06/01/1963	05/08/2004 13:02:00	Data acquired	23:43:02	Facility6