## **Ablyss Systems**

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# CMS Release 7.2.1



Ablyss Care Management System Release Notes July 2020





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#### **Release Overview**

Information regarding the care of your residents is more important than ever, especially during this unprecedented pandemic.

In our quest to ensure that your carers have a complete overview of a resident's daily care from a single point of entry, Ablyss Systems has developed the CMS Integration Service.

We have initially integrated with an eMAR system provided by Invatech Health called Atlas. The data that is being shared from Atlas to Ablyss CMS is:

- resident's latest medication
- medication given as a daily care note
- medication refused as a daily care note

In the future, Ablyss Systems will look to build on this service by adding additional applications to be integrated with.

#### What is an integration service?

An integration service provides a mechanism which helps in an efficient data flow from one application to another. In other words, it shares information from other applications, which your home may use, into the Ablyss CMS system.

### **CMS Integration Service**

We have developed a new CMS Integration Service which will enable CMS to receive information from third party care applications.

The first external application that we have created an integration with is the Invatech Health Atlas application. The Atlas system is an electronic medication management system.



#### Key Points

- This is run as a Windows service, i.e. this runs as a background process.
- Once the service is started there is no further action required by yourself for the information to be imported.
- Ablyss does not supply the external applications, you will need to subscribe directly with the supplier.
- The resident NHS number is the key element in linking external systems to Ablyss CMS.

#### **Integration Settings**

Firstly, you will need to setup the Integration Service. This can be found via your Tools menu > Integration Options > Integration Settings.

Integration Services Configuration			×
Service Service Settings*	Service Options to Configure CMS Integration Service		
eMAR Systems	Integration Settings*		
Invatech Atlas	<ul> <li>Integration Service Settings</li> <li>✓ Enable Integration Service</li> <li>Integration Link Label ⓒ NHS Number ○ CHI Number ○ Medical Insurance</li> <li>□ Strict NHS Number Validation</li> </ul>		
	eMar Settings	•	
	Resident Validation	•	
	Apply	Close	

- Check Enable Integration Service
- Choose your naming of your medical number
- If you want to enforce strict NHS Number Validation, this will not allow an invalid NHS number, duplicate or null when setting up residents.

СМ	S RELEASE 7.2.1
	eMar Settings
	eMar Integration Settings Medication □ Allow User to Add □ Allow User to Delete

5

Once the service is enabled, you will automatically be unable to add or delete medication from the CMS system. You can overwrite this by checking either or both medication check boxes

Resident	NHS Number	Verify	Message	^
Armstrong, June	943 476 5919	Image: A start of the start		
Brannen, Eileen	18787878		Invalid NHS Number	
Dolbey, Harry		A	No NHS Number	
Duddy, Mary	943 476 5910	8	Duplicate NHS Number	
Faulkner, Eliza	943-476-5910	8	Duplicate NHS Number	
Flowers, Dolly		<b>A</b>	No NHS Number	
Goodie, Dorothy		<u> </u>	No NHS Number	
Green, Bertha		<b>A</b>	No NHS Number	
Higgins, Hilda		<u> </u>	No NHS Number	
Hilton, Henry		A.	No NHS Number	
Jones, May			No NHS Number	
Losban, Philip			No NHS Number	

The Resident Validation is a list of your current residents and reports on the validity of their NHS numbers.



Once the Service Settings have been setup you will see that the resident will have a dedicated field for NHS Number. If you configured the CMS system to capture an NHS Number previously, this information will not have to be recaptured as the service settings initialise would have updated the NHS Number automatically.

Ensure that you update the NHS numbers for all your current residents before proceeding to configure the Invatech Atlas Settings.

Eliza Fau	lkner	Edit Resident Eliza Faulkne	er	e 10
Resid	ont 🛛 🖬 Basic			RESIDENT DETAILS(1)
	Edit 🗶 Delete 🖂 Change Photo 🛛 🖨 P		Title:	Mrs • +
	BASIC INFORMATION	RESIDENT	Forenames:	Eliza
Resident ID:	SU000007XX	WIZARD	Surname:	Faulkner
Site:	Ablyss Home	Welcome to the Resident Wizard. You can move	Known As:	Eliza
Forenames: Surname:	Faulkner	backwards and forwards through the wizard or, if you choose, you can	Site:	Ablyss Home
Known As:	Eliza	lf an item does not	Gender:	O Male ⊙ Female
Title:	Mrs Gender: F	appear in a selection list, then you can click on the	D.O.B:	14/07/1939 • Age: 81
D.O.B:	14/07/1939 Age: 81	items.	Marital Status:	Widowed + +
NHS Number	943-476-5910		NHS Number	943-476-5910
BA	CKGROUND INFORMATION			
Place of Birth	Widowed			
Former Occu	pation			
Religion	Church of England			
Nationality	British			······································
Ethnic Origin	White		🔇 Cancel	Next 🔶
NI Number	-	Fax:		*
Resident's Na	me Faulkner, Eliza 🔹 🗞	Filter: Current	Residents	• Record 5 of 15 14 4 > >

#### **Invatech Atlas Integration Settings**

Once you have captured your residents' NHS number, you will need to setup the Atlas Integration Service. This can be found via your Tools menu > Integration Options > Integration Settings > eMAR Settings

Integration Services Configuration	1					×
Service Service Settings	Invatech Atlas Options to Configure Invated	ch Atlas Integration				
eMAR Systems	Connection Settings*					
Invatech Atlas*	<ul> <li>Atlas Connection Settings</li> <li>✓ Enable Atlas Integration</li> <li>Frequency (mins)</li> <li>Atlas API Endpoint</li> <li>Atlas API Key</li> </ul>	60 https://pcs.invalife.net 00000000-0000-0000-0000-000000000000				
	Import Settings				V	
	Import Reports				T	
			<ul> <li>Apply</li> </ul>	8	Close	

- Check Enable Atlas Integration
- Enter the frequency you would like to check for updates.
- Enter the Atlas API Key. The key can be found on your Atlas Web Portal, under Atlas Control. From Menu go to integration and choose Ablyss CMS. Copy the API Key and paste it here.

Import Settings			
Atlas Import Settings     Medication Administration	Record Refused	Record Administered	

All medication from the Atlas eMAR system will automatically be imported into the Ablyss CMS Medication section. If you want a Daily Note to be created for the medication administered or refused check the relevant import setting.

Resident	NHS Number	Verify	Message	Last Updated
Mrs Ela Demo-Johanek	18787878	8	No Matched Resident. Invalid NHS Number	04/06/2020 12:18:00
Mrs Cherise Demo-Dougan	0	8	No Matched Resident. No NHS Number	04/06/2020 12:18:00
Ms Oscar Demo-Shuart	0	8	No Matched Resident. No NHS Number	04/06/2020 12:18:00
Miss Isaias Demo-Hayase	1159061726	8	No Matched Resident.	01/07/2020 11:55:00
Mr Michael Demo-Moh	544464434	3	No Matched Resident. Invalid NHS Number	04/06/2020 12:18:00
Dr Barack Obama	3354441852	8	No Matched Resident.	04/06/2020 12:18:00
Mr Mike Wiggins	542479079	8	No Matched Resident. Invalid NHS Number	04/06/2020 12:18:00
Miss Roxanne Test	2035348633	8	No Matched Resident.	04/06/2020 12:18:00
Miss Bell Test	7492148232	8	No Matched Resident.	04/06/2020 12:18:00
Mr Dave Bird	36990515	8	No Matched Resident. Invalid NHS Number	04/06/2020 12:18:00

The Import Report will give you a list of the latest residents on the Atlas eMAR system and whether they have successfully been imported.

#### **Emotion Analysis**

We have added a new feature to the Shift Handover, namely Emotion Analysis. This will give you the ability to view and analyse the emotions that have been logged against a daily care note or daily care assessment. This can be found on the Shift Handover screen when viewing Observations.



This emotion analysis tool will enable you to get a quick overview of how your residents are feeling throughout the day or over a period of days. The tool enables you to pick up on patterns of how often specific emotions occur and at what time of the day.

#### Data Selection

	O Emotion Analysis		-		×
1		EMOTION ANA			
i	Emotions logged betwee	en the period: 23/06/2020	✓ and 24/06/2020 ✓ Q Get Data		
2					
	Search on: Resident	Resident: (All)	✓ Sort by: Time	-	
1	Resident				
	Resident Name Tilemotion				

- Select the date range that you wish to analyse (it will default today)
- Click on 'Get Data' to retrieve the emotions from the selected date range
- NB! When changing the date range or to refresh the data to examine, click on 'Get Data'
- Choose to search on Resident or Emotion

#### Search on: Resident



- The screen has 3 main areas, firstly, on the left we have the details of the emotions:
- The top right side contains a total of each emotion
- The bottom right (specific resident only) charts the emotions over the period.
  - Choose '(All)' for all residents or pick a specific resident from the dropdown
    - Data will be grouped by date
  - Sort by Resident or Time (All Residents)

- By Resident: data will be sorted within each date by resident name by descending recorded time
- By Time: data will be sorted within each date by descending recorded time.
- Emotions over a period will chart by:
  - Time if date range is three days or less
  - Date if date range is four days or more
  - The mood score is obtained from the emotion's category (Admin > Administration)

#### C Emotion Analysis \_ × Emotions logged between the period: 23/06/2020 - and 24/08/2020 - Q Get Data Search on: Emotion - Mood: 👷 Angry -00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 Resident Name Andrew Spence 1 Annette Norman 1 Barbara Bennett 1 Betty Abbott 1 Brenda Newcomb Catherine Smtih 1 Christina Owen Derek Shiplee Dhirubhai Patel 1 1 Doris Nicholson Edna Peacock Eric Munn Ernest Crump 1 George Wagstaff 2 Gwen Owen John Hedley Joyce Knight 1 Joyce Warby

#### **Search on: Emotions**

- Select a specific emotion to analyse.
- Displays an hourly breakdown for all residents for the number of times that the specific emotion occurred.
- Number of occurrences with be shaded from green to red, where green is 1 incidence.

#### **Incident Analysis**

The ability to analyse the Accident and Incident for residents, employees, the home and in total has been added. This tool will give a graphical overview of accidents and incidents using different selection criteria.

#### **Data Selection**

Accidents & Incidents		
Image: Sevent Edit Delete     Sevent Cancel     Image: Sevent Edit Sevent Edit Sevent Cancel     Image: Sevent Edit		🌒 A & I Record 0 of 0 🛛 🖂 🍝 🕨
	INCIDENT ANALYSIS	
Type: ACCIDENT   Category: (11 results)	Incidents logged betwen the period     25/03/2020     and     29/07/2020       Fall     •     Group by:     Location       C Get Data     ESExport	Relation to: Residents

- Select the date range that you wish to analyse (it will default one month)
- Select specific reporting Type or (All)
- Select specific Category or (All) if all reporting types have been selected this will be (All)
- Group by Categories, Incident Details, Location or Timeframe
  - Categories will not display if a single category has been selected
  - Incident Details CQC notified, RIDDOR Issued, Social Services Involved, Relatives Informed, Police Involved, Death, or Discharge
  - Location where the accident / incident occurred
  - Timeframe an hourly breakdown of when accidents / incidents occur
- Relation to (All), Residents, Employees, or Home
- Split Gender will display if you view the information in relation to residents or employees

Click on 'Get Data' to retrieve the data based upon your data selection

Export button will create an image of the graph so that you can add it to any document.

#### Examples



Grouped by Categories



Grouped by Incident Details



Grouped by Location



Grouped by Timeframe



Grouped by Timeframe with a gender split

#### **Body Map Review Dates**

To ensure that all aspects of a resident's care are continuously met, we have added the facility to force a review on specific conditions. For example, 'Pressure Sore' should always have a review whereas a 'birthmark' would not need continual reviewing as no treatment is required.

#### When you upgrade all conditions will automatically be set to 'Force Review'.

To amend a condition's 'Force Review', you can either select Admin > Conditions from within the Body Map, or via Admin > Administration and select the Body Map Categories.

stom Assessments 🛛 🖾 Likes & Dislikes 🕂 Vitals	🛉 Body Map
New Condition 🖪 Create Admission 📋 Show Archived 🛛 🖨 Print 🗸	Admin - Body Map
Condition Details	Conditions ^
🗋 New Note 📑 Review 💢 Delete 🛛 🖾 Photo 🔗 Link	Cream Frequencies Locations
Wound Details Further Details Cru	eams Imag
Condition:  Onset Date: 05/08/2020	Linked Records
Location: Review Date: 05/08/2020	

Access via body map

O CM	MS - Care Man	agement System (Ablyss Systems)			-	o x
File	Modules	Tools 1 Help Applications				
<b>三</b> 祭	RESIDENTS EMPLOYEES	Administration				
<b>^</b>	HOME ADMIN	SELECT A CATEGORY	🕞 New 💥 Delete 🖹 Save 🥎 Cancel 🕇 🖶		🚺 Body Map Ca	tegories
0	<b>[</b> 2]	Absence Types Shift Types	Condition Name	Icon	Custom Assessment	Force Review
		Vitals	Bruise		Add	<b>×</b>
	ADMIN	Body Map Categories	Burns	•	Add	
	0	Emotions	Cut	•	Add	~
		User Profiles	Other		Add	<b>V</b>
SI	ECURITY	Drugs	Pressure Sore		Add	~
	1	Bed Management	Skin Tear		Add	$\overline{\mathbf{v}}$
		Resident / Employee Labels				
R	EPORTS	E Lookups				
	R	Tamplatas				
		E Homes				
AUI	DIT TRAIL	E Homes				

Access via Administration

### **Body Map Further Details and Reviews**

We have simplified the view of the 'Further Details' on the body map screen. When viewing a wound, the further details will display the assessment in an easy to read format.

New Note 📑 Review 💥 Delete 🛛 🖾 Phot	o & Link Historical 1 of 1 🔌
ound Details Further Details	mage History (0) Reviews
Question	Answer
Physical Condition	physical condition details
Communication Comprehension	communication comprehension details
3ehaviour -	behaviour details
History of Falling	history of falls details
Pain/Fatigue/Fear	pain details
Clothing/Appliances	clothing details
Attitude/Feelings	attitude details
Other Factors	other details
Additional Information	additional information details
lovement Up/Down in Bed	Able
lovement Sideways in Bed	Able
Novement turning in Bed	Able

We have added an additional 'Reviews' tab, this will enable you to see a list of all previous reviews.

ound Details	Further Deta	ils   Image His	tory (0)	Reviews	
lecorded ly	Date Recorded	Measurements	Pain	Comments	Treatment Plan
ANAGER	06/08/2020 08:	L0 x W0 x D0	0	Pressure sore on left heel	cream and ensure lifted
ANAGER	06/08/2020 08:	L0 x W0 x D0	0	Pressure sore on left heel	cream and ensure lifted

#### **Report Pack Date Filter**

Report pack templates were first introduced in release 7.1, they enable you to print a range of

reports at the touch of a button.

A prime example of a report pack is the 'Hospital Transfer Pathway' or 'Red Bag' which helps provide a prompt, safe and efficient transfer of clinical care, when a resident moves between a care home and other clinical settings, such as; hospitals or 'step up' and 'step down' beds.

We have now added a date filter to the following reports:

- Vitals,
- Daily Observations, and
- Accidents and Incidents

Uitals		
Vitals Statistics Overview		
BMI		
Pulses		
Fluid Intake		
Fluid Output		
BP Systolic		
BP Diastolic		
Blood Sugar		
- Temperature		
- Urinary Analysis		
14/-4-1		~
<	>	
• Occurring within the Last		
	Add	L
28 Day(s) -	+	L
		•

Daily observations will default to 1 month. Vitals and A&I will default to 12 months.

When setting up the individual packs you can amend the default date. This can also be set individually on vital categories, for example, you can return a year's worth of weight / BMI records but only the last months' worth of Fluids.



#### **Assessment Upload**

Built into CMS is the ability to download assessments from our web server to your database. These are accessible from the Tools > Assessments > Download Assessment.

We have now introduced a facility to upload your assessments too. This feature is aimed at our groups allowing them to upload an assessment from one home and then to download it across other homes within the group.

The upload feature can be found in the assessment designer. Once an assessment has been uploaded, only other licensed homes within the group will be able to access them.

User Defined Assessmer	it Wizard				
	SELECT MODEL				
ASSESSMENT MZARO You can construct an assessment, asking as many questions, with as many predetermined answers as required.	New         Copy         X Detete         Print         Upload           Initial Care Han Assessment         Resident Overview of Care         Upload           Life History and Social Record         Pre-Admission Assessment and Dependency Tool           Pre-Admission Deprevation of Liberty         Client Moving And Handling           RNASE - Fails Risk Assessment         Balance Performance Orientated Mobility Assessment of Tinetti           Berg Balance Performance Orientated Mobility Assessment of Tinetti         Berg Balance Performance Orientated Mobility Assessment of Tinetti           Berg Balance Performance Scale         MULI Nutritional Assessment (MNA)           Heith and Safey Annual Audit         Prideaux Nutritional Assessment Model           Bridden Scale for Predicting Pressure Sore Risk         Waterlow           Malor Assessment         The Notron Scale           Katz Index of Independence in Activities of Daily Living (ADL)         Barthofs index of activities of daily living (ADL)           Barthofs index of activities of daily Living (ADL)         Fracture Risk Assessment           Oral Health Assessment         Clientia           Genatic Depression Score         Weil - Being assessment (Dementia care)           Function Independence Measure (FIM) (AND Functional Assessment Measure (FAM)           Assessment of Nursing Dependency (Isaacs & Newlie)         Dependency Profile           Dependen				
	Mental Health - Mini Kisk Assessment Mental Health - Vulnerability				
	Model Description :	Ť			
	<u>N</u> ext →	⊘ <u>C</u> lose			

### **CMS** Tablet Application

There are no significant new features for the tablet app in this release. However, we want to make you aware that there has been a change in the way that we build the APK (Android application package). This will only affect devices running Android OS 5 or later and those users running version 7.2.0.2 of the app or earlier. If your app meets these criteria, then you will need to carry out the following steps before updating the app:

- Before you update to the latest version
- Make sure that all your data is synchronised.
- Make note of your connection details.
- Uninstall the CMS Application from the device.
- Reinstall the CMS Tablet Application from our website.

If you require any assistance with the CMS Tablet upgrade, please phone our support team.

#### **CMS Desktop Minor Enhancements**

#### **Body Map Wound Renaming**

You can rename 'Wound' on the body map. This is changed via Tools > Settings > Home Settings > Module Settings > Body Maps

Body Maps				
Clear comments on	review	Clear treatment plan on review		
Refer to a Wound as:	Bit	Refer to Wounds as:	Bits	

This will change the reference 'Wound' to what you would like it referred as.

Assessment ?	Custom Assessments 🛛 🖾 Likes & Dislikes 🛧 Vitals 🚺 Body Map	
🔗 Bits 📱 Creams 💍 Admissions	🖓 New Condition 🖪 Create Admission 🔳 Show Archived 🖨 Print 🗸 🖉 Admin 🗸	🚺 Body Map
Front (0) Back (0) Side (0) Hands (0)	Condition Details	<u>^</u>
Feet (1) Head (0) Oral (0)	🕼 New Note 📑 Review 💥 Delete 🖾 Photo 🔗 Link	< >
//@	Bit Details Further Details Image History (0) Reviews	
PT) ( 1	Condition:	
	Location: Review Date:	

### **Bug Fixes**

#### **Body Map Markers**

When reviewing body map markers when users had different display font settings, the body map marker was shifting.

#### **Policy Linked Documents Sorting**

Where a policy has linked documents, it was not possible to expand the list once policies had been sorted by reference number, description, review date, etc

#### **Employee Status Flag**

When editing the status flag labels through employee wizard, status flags are updated automatically.

#### **Multiple Homes Care Plan and Risk Assessments**

You were unable to see the text module settings.

#### **Daily Care Note Access**

Users that did not have edit rights to care notes were able to edit them if they double clicked on the note.

#### Attachment Drag and Drop

Dragging and dropping from within the attachment form was copying the folders and documents instead or moving them.