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Weqas Connect Updates

Samantha Jones

Presentation Summary

- ❖ Meet the IT team
- ❖ Programme Migration to date
- ❖ Portal updates
- ❖ Participant feedback



Meet the IT team

Simon Mackay, IM&T Manager



Wendy Woodfield, Principal Information Analyst



Ciaran Crocker, Lead Software Developer



Kacper Marciniak, Senior Software Developer



Philippa James, EQA Team Associate Practitioner (seconded)

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Programmes migrated to date

Ammonia
b123 Co-oximetry
Bile Acids
Blood Gas
BNP
Co-oximetry
CRP
ED Toxicology
Endocrine

Haematinics
Homocysteine
Lipids
NT-ProBNP
pH Meter
Plasma Cardiac Markers
pO2 Accuracy
POCT Creatinine
POCT CRP

POCT Haemoglobin
POCT INR
POCT Lipids
POCT Urine ACR
Procalcitonin
Quantitative Faecal Hb
Serum ACE
Urine Chemistry
Urine Oxalate and Citrate

27 programmes migrated

Weqas Connect Dec 2023

POCT INR
POCT Lipids
POCT Creatinine
POCT CRP
POCT Haemoglobin
POCT Urine ACR
POCT Cardiac Markers
BNP
Blood Gas inc pO₂ Accuracy
Co-oximetry

Weqas Connect Dec 2022

POCT INR
POCT Lipids

POCT Bilirubin
POCT D-dimer
POCT HbA1c
POCT HIV
POCT Influenza & RSV
Pre-term Labour Markers
POCT Pregnancy Testing
Urine Drugs of Abuse
Viscoelastic Haemostasis

Work Flow 1

Migration of Legacy Systems into Weqas Connect

Work Flow 2

Validation and sterilisation of data during process

Work Flow 3

Improve coding to give faster and better results for participants and staff

Migration of Data

- ❖ Participant data reviewed and cleansed as part of migration to Weqas Connect
 - Instrument information updated
 - Contact information updated
 - User contacts and access levels agreed
 - User preferences agreed and rolled out



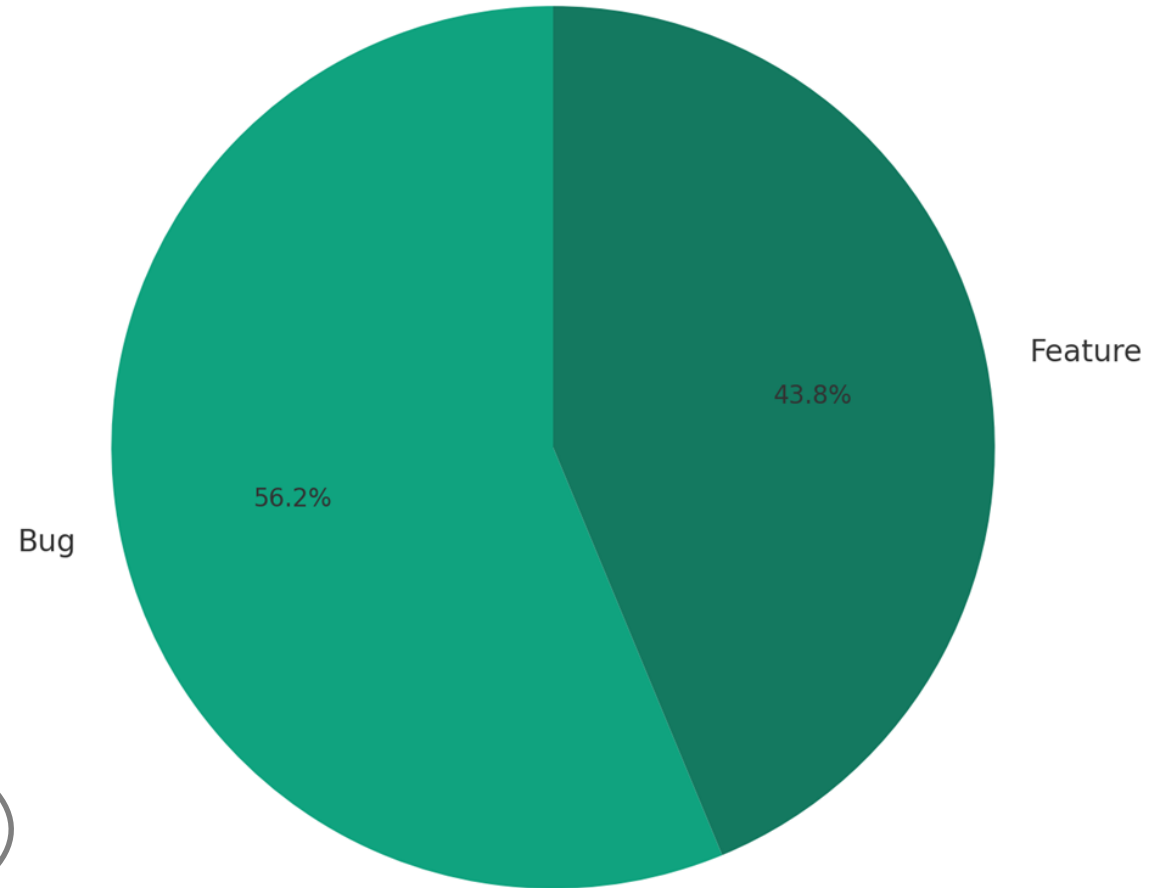
- ❖ Participant connections refined; Groups and Super Groups created / amended

Distribution of Work Items by Type

- 12 new version releases
- IT team expansion
- Middleware connectivity projects
- Labgnostics project - NPex

New reports on Connect are an improvement

Love the layout and presentation of reports



Participant Feedback

Updates following 2022 Conference feedback:

- ✓ Added facility to generate distribution letters for a subset of locations or instruments
- ✓ Added extra recipient fields on distribution letters (Location contact added)
- ✓ Added box to record 'Date Samples Received' to distribution letters
- ✓ Moved distribution letters function from the report menu to the distribution menu

Other updates following user feedback:

- ✓ Additional Participant code on dispatch note
- ✓ Grouping programmes for dispatch
- ✓ Mailer function improvements for information sharing

Work Item ID	Work Item Title
1073	Participant search - weqas can search for a participant by primary contact email
1075	Participant search - weqas can search by sample contact email
1076	Participant search - weqas can search by Head of department email
1085	Participant search result list view: include sample email with sample name if available
1086	Participant Report: General Distribution comment can change over time but a report should show the comment in place at the time of the distribution
1091	Participant Groups - replace filter with search
1862	Order search - entering a single date in the start date field returns all orders currently in the database
2244	User profile - Add user role information
2253	Participant list view - add supergroup between group and primary contact
2254	Participant Details View - Add Super Group between group and Primary Contact
2269	Poor performance report - PDF distributor client entity list incorrectly lists entities not present in the distribution
2270	Poor Performance report - manual HTML and PDF requests - client entity list incorrectly omit client entities present in distribution with no poor performance
2290	Analyte non-returns report - Manual Excel version: fails where no non-returns present (500 Internal Server Error)
2310	Absolute bias plot not correctly treating DistributionAnalyte.IncludeInBiasPlot = 0 for current distribution
2311	Standard report precision table not correctly treating AreReportsAvailable = 0
2319	Distribution letters - Location level user requesting distribution letters is pushed out to the login screen
2321	Distribution letters - inconsistent sender and return address assigned for super group user depending on entity selections
2337	Order search - Weqas can search for orders by Group or Super Group
2376	User creation completion passes to user details page for the new user
2377	User search - add global search option to User Admin home page
2379	Participant search result list view - global search does not include email addresses or telephone numbers
2381	Null Mean and CV% causes Participant Report to fail to load
2382	Quantitative analyte report - add flag to allow individual elements to be omitted from the report (Introduced for blood gas pH)
2399	Group Admin accessing 'Users' throws '500' error: There is already an open Datareader

Future Improvements - Suggestions from 2023 Participant Survey:

- Email confirmation of result submission – Polling Q
 - Reduce the number of pages for each report - Polling Q
 - Option to print submitted results – Polling Q
 - Report interpretation built into the portal - Would quick link to learning zone be helpful? Polling Q
 - Help functions within Weqas Connect – survey what is needed
 - Quick guides for report interpretation
 - Improve communication around Weqas Connect migration
 - Make it easier to trend performance
-
- Only email PP or NR reports if there is data to show – feedback shows this is useful to have a report per distribution

- Email confirmation of result submission – Polling Q

- Reduce the number of pages for each report (one page reports) – potentially add reports to user preferences Polling Q
 - ❑ raw data
 - ❑ manager's summary
 - ❑ POCT co-Ordinator reports

- Option to print submitted results – Polling Q
- Option to save submitted results as excel file prior to closing date – Polling Q

Choose your preference

- Report interpretation built into the portal - Would quick link to learning zone be helpful?
Polling Q

- Help functions within Weqas Connect – survey what is needed

Search Instruments

Create Instrument

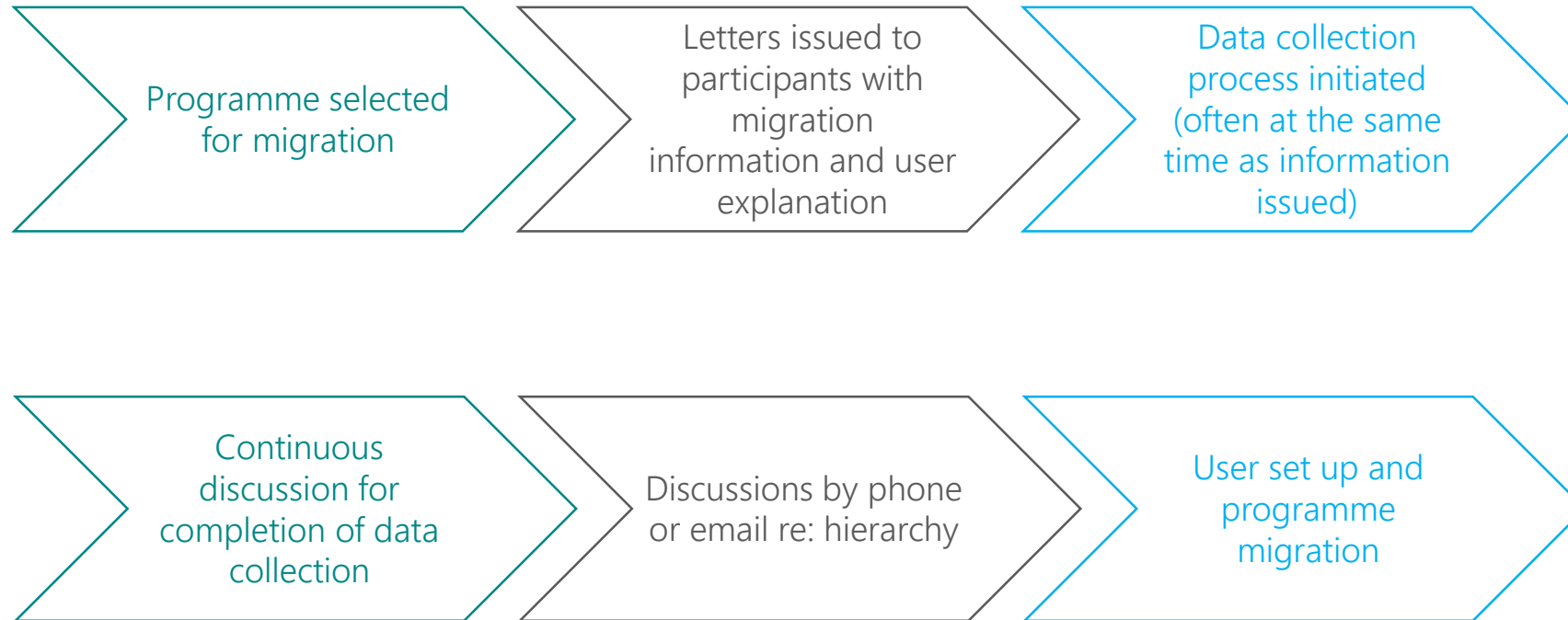
Participants	Manufacturers	Name	Status
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Locations ⓘ		Serial Number	
<input type="text"/>	<input type="text"/>	<input type="text"/>	

Select at least one participant to enable searching by location.

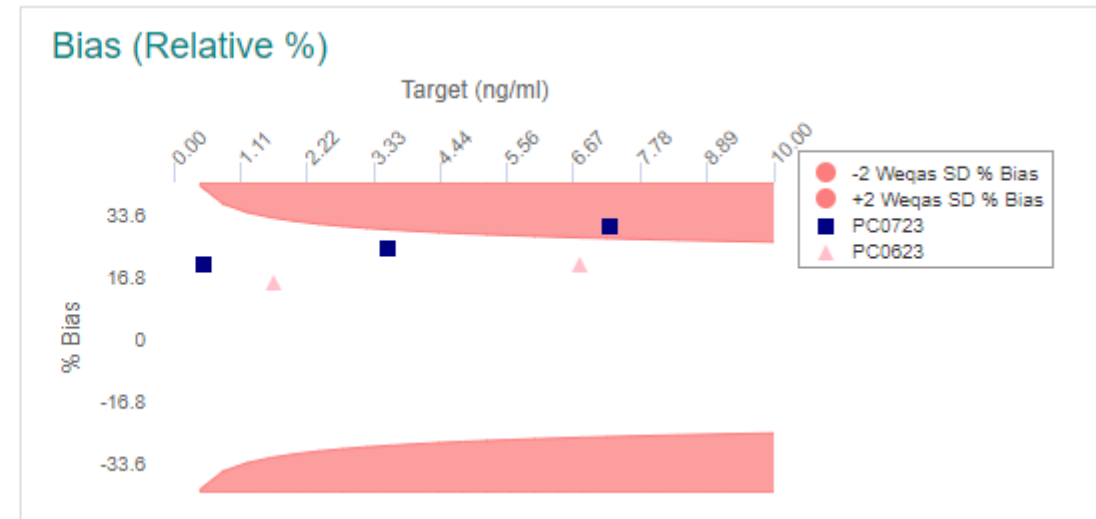
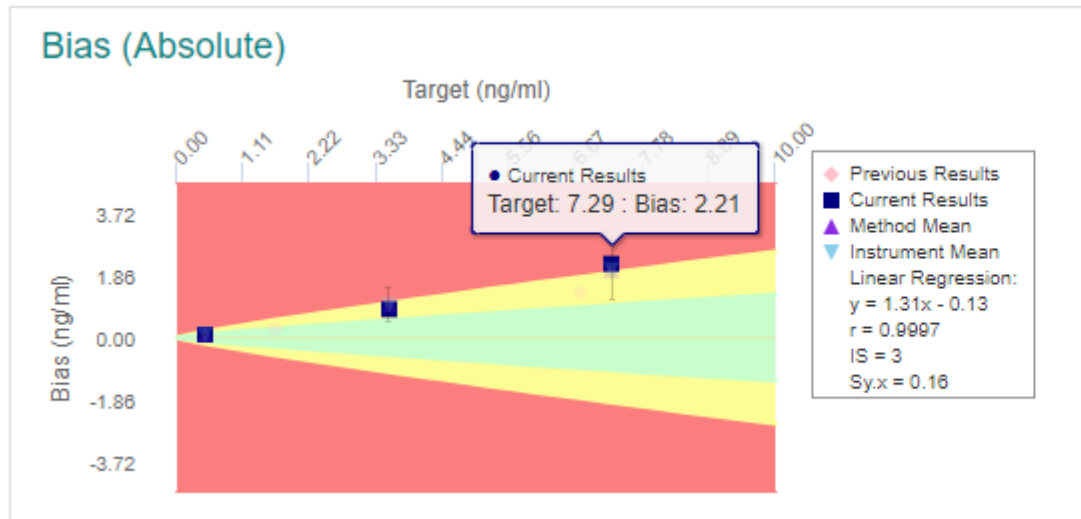
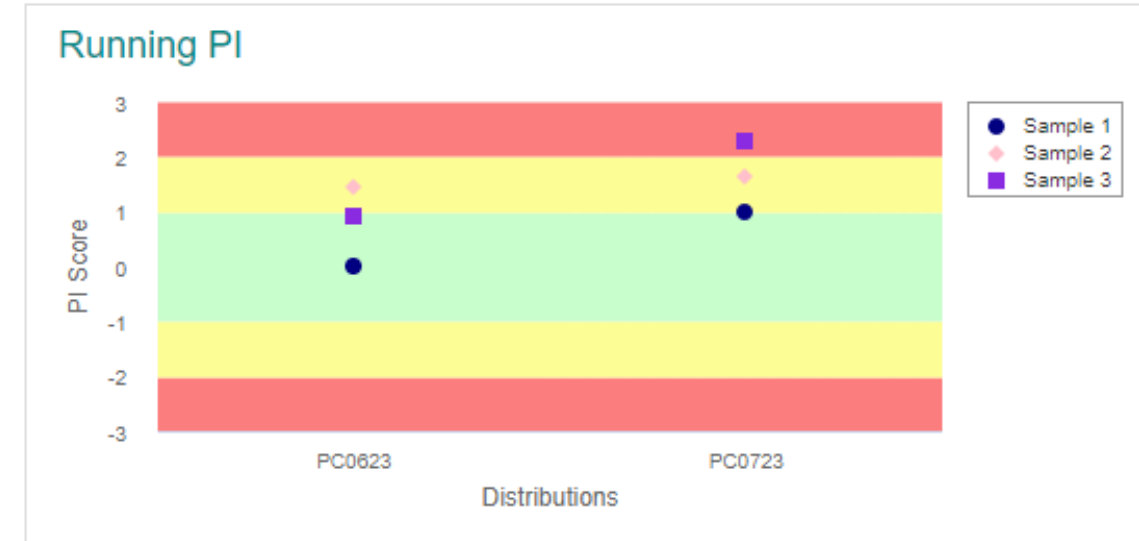
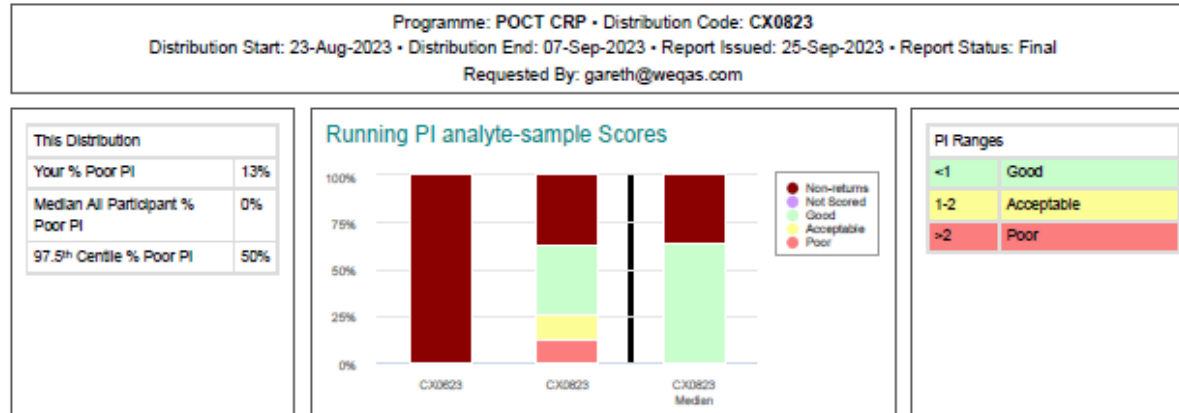
Search

www.weqas.com

- Improve communication around Weqas Connect migration



- Make it easier to trend performance – track % acceptable returns, running PI



Other Participant feedback:

- Non Returns Report be attached with the Distribution Closing alert email – already available
- Earlier notification of Distribution opening – customisable list available [Weqas Distribution Dates](#)
- Ability to print Distribution Letters one week prior to dispatch date – already available once distribution is created. New function needed to alert participants once distribution created
- Blank Results sheet template – Polling Q
- Yearly overview report – what is needed?
- User access locked down to simply being able to submit the result – agreed to look at possibility for additional user level
- User role to be shown on the user profile - agreed