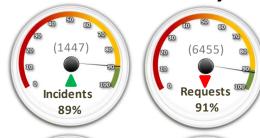


IT Services

Monthly KPI Report

Executive Summary

KPI & Summary

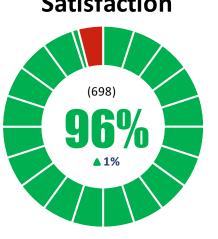


decreased this month as expected due to the Easter period.

Ticket volumes across all areas

- Ticket volume are higher In comparison to the same time last year, mainly due to the two major incidents.
- P1 tickets trending down as a result of the two major incidents and the incorrect ticket assigning.
- This has also affected the First Line Fix and First Time Fix, which has dropped this month.





Definitions

CYTD: Calendar Year to Date
DC: Datacentre 1 and/or 2
DTL: Domain Team Lead

 $\textbf{KPI:} \ \mathsf{Key} \ \mathsf{Performance} \ \mathsf{Indicator}$

MI: Major Incident

P1: Priority 1 Incident (High)
SLT: Service Level Target

2 Major Incident

- IDCheck 12/04 Unavailable
- Micollab 13/04 Inaccessible

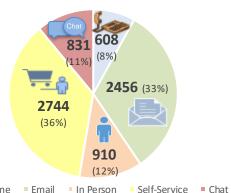
*KPI: Key Performance Indicator – tickets resolved within month

P1 Inc.

Volumes

P2 Inc.

61%



- Ticket volumes across all areas decreased this month as expected due to the Easter period.
- Top Request items this month relate to Agresso PO Closure, Password Resets and Request for Information.
- Top incident items this month relate to AV issues, Hardware and QMplus together makes up 35% of tickets.

Critical Systems Availability



- Critical systems availability remained the same as last month.
- Due to the authentication failure major incident, a number of services suffered a degradation of service i.e. QMplus, Agresso etc,



KPI Trend View

КРІ	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Move
% Satisfied Customers for Incidents	96	96	94	98	97	91	91	91	92	95	94	88	94	
% Satisfied Customers for Requests	97	97	96	96	94	94	92	96	95	95	95	96	96	
All Incidents Closed By All ITS Depts. Within SLT	88	89	89	84	87	76	67	70	82	87	83	86	89	
All Requests Closed By All ITS Depts. Within SLT	95	94	92	94	94	93	90	91	92	94	94	94	91	-
All Incidents Closed By Site Within SLT	83	83	82	81	86	71	57	64	83	88	81	84	84	
All Requests Closed By Site Within SLT	94	94	92	94	94	93	91	91	94	96	96	95	93	
Service Desk Incidents Closed Within SLT	98	99	98	96	96	90	89	97	97	98	97	99	99	
Service Desk Requests Closed Within SLT	99	99	99	99	99	96	94	100	99	99	99	99	99	
Service Desk Telephone Response Within SLT	88	85	78	86	89	66	88	97	98	90	94	93	95	-
All Incidents Closed By Campus Teams Within SLT	88	85	85	78	83	59	46	62	78	79	74	77	79	
All Requests Closed By Campus Teams Within SLT	96	96	95	94	95	89	82	80	91	92	93	92	89	-
Change Management Implementation														-
Service Desk Email Triage	100	100	100	100	100	63	100	100	100	100	100	100	100	

В	Exceeds Goals	> = 95%
G	Meets Goals	> = 90%
Α	Tolerable	> = 85%
R	Unacceptable	< 85%

No Failed Changes
 Failed Changes with no impact on Services
 1 Failed Change which impacted Services
 2 Failed Changes which impacted Services





Customer Satisfaction

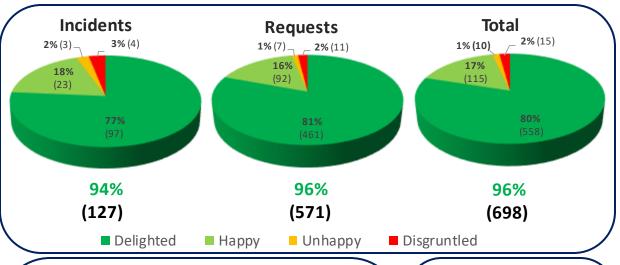
Customer Feedback

This month we received 698 responses providing feedback on incidents and requests logged through the Service Desk - equating to an overall response rate of 9% (which is the below the average 18% received).

You can email your feedback by selecting one of the following links on your resolution email;

Delighted Happy Un-Happy Disgruntled

We value all feedback as ultimately it helps us to continually improve the service(s) we provide.



Feedback this month

very efficiently and effectively resolved all the issues I flagged up. I am very grateful.

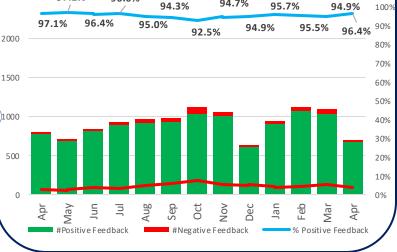
The only reason that the issue is now "resolved" is that the lectures are over

Really helps having assistance close at hand - running courses when speakers are at home and having difficulties Traised this ticket on the 1st of December 2021. It has taken nearly 4 months to complete. I had to email IT helpdesk numerous times with little to no response.

Amazing help from the whole team on this issue, thanks so much for resolving it!

Considering QMUL is based at numerous sites it is very difficult when to ask staff to attend Mile End for basic It services.



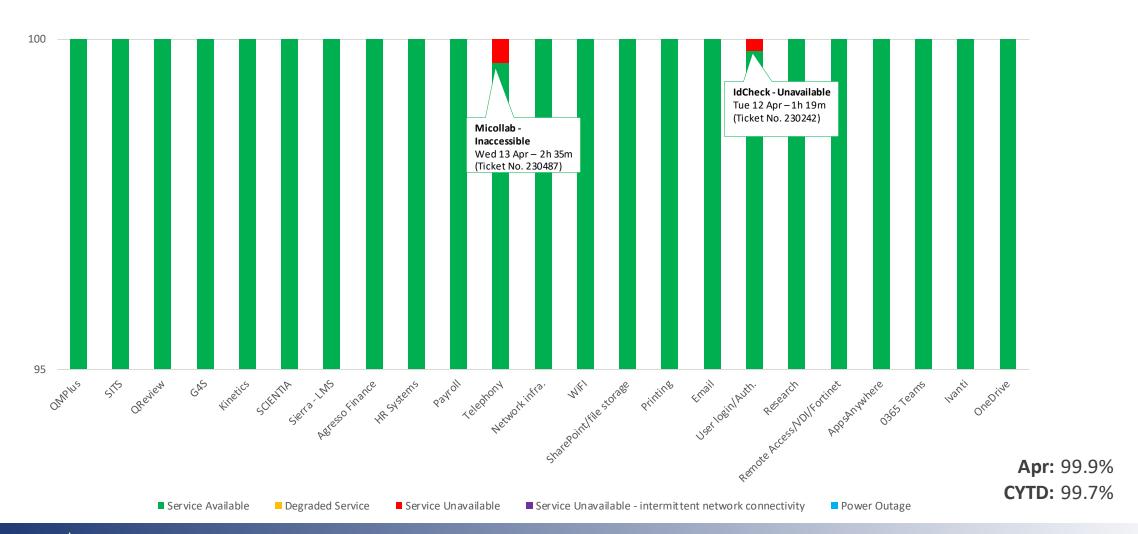


Commentary

- Customer Satisfaction for this month is above our 95% target.
- Feedback this month relate to onsite AV support and tickets being closed unsatisfactorily.
- Comments that were positive relate to speedy response, helpful, patient and supportive

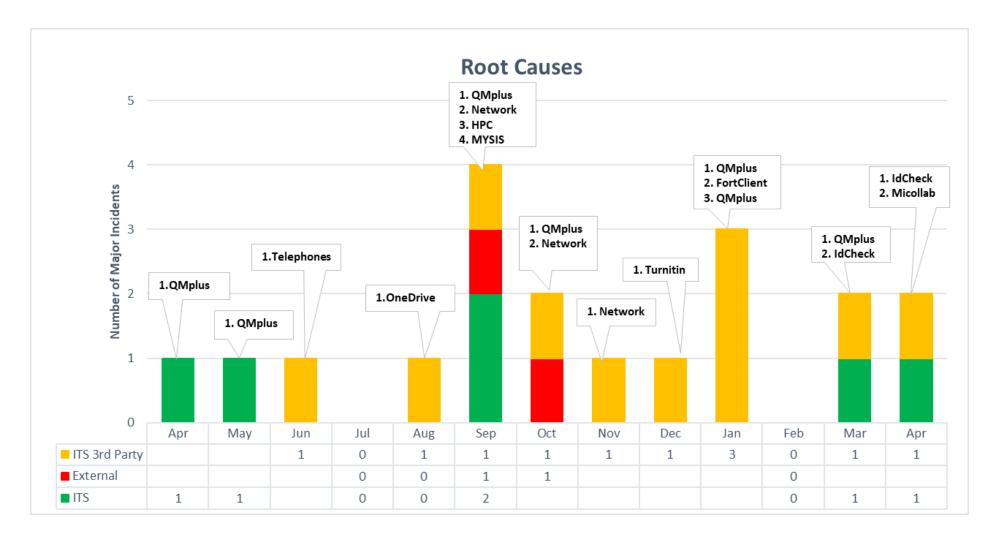


ITS Critical (Gold) Systems Availability





Major Incidents



Key

Source of Incident identified to be with 3rd Party Vendor

Source of Incident identified to be outside of ITS e.g. power





Major Incidents

MI Number	Date	Duration	Service Affected – Impact	Status
230242	Tue 12 Apr 13:14	1h 19m	 IdCheck – Services that utilise IdCheck for authentication such as QMplus, Canvass etc. were inaccessible. Cause: The security certificates for Linux servers were not updated as part of a change to update window security certificates. Action: Linux servers were updated with the new Security certificate. 	Resolved
230487	Wed 13 Apr 17:00	2h 35m	Micollab – Staff were unable to access the service to make or receive phone calls. Cause: The vendor made a change to the system without checking with QM. Action: The change was rolled back.	Resolved

High Priority Incidents

HPI Number	Date	Duration	Service Affected – Impact	Status
229722	Mon 4 Apr 12:15	1 d	Network – Users experienced slow performance when accessing and using functionality within the QMplus. Cause: Firewall/VPN changes caused firewall issues at Whitechapel for some BCI users Action: Rolled back the change made to the Firewall VPN	Resolved
229958	Thu 7 Apr 10:00	1h 45m	PowerBI – Users were unable to login to the Power BI reporting portal to view dashboards. Cause: A Change – 16852 for firewall was changed. Action: New specific rules were put in place to enable the BIR connection for the two servers that were affected	Resolved
230160	Mon 11 Apr 12:00	10d	FireFox Web Browser— firefox browser users were unable to access their login to MYHR website to view their HR records. Cause: A Change - 16772A was implemented to upgrade MyHR which was not completed in time. Action: Once the change was completed the service was available.	Resolved
230825	Mon 25 Apr 08:15	4h	Network – Some users in the Alex Wing Dental building at Whitechapel were unable to Network Services. Cause: A power outage and a faulty UPS caused network services to down Action: A restart of the UPS restored the network service.	Resolved
230939	Wed 27 Apr 09:46	3h	Appraisal – Users were unable to access the appraisal system to view or update their Appraisal. Cause: Unknown Action: Workaround deployed.	Resolved



ITS Incident and Request KPIs

Measure	Target	Feb 22	Mar 22	Apr 22	Trend	Expected Trend
Incidents Raised	-	1945	1886	1447		
Number of Incidents Resolved	+	1933	1832	1524		
Incidents Resolved within SLT	90%	83%	86%	89%		-
Resolution Time P1	4h	0%	50%	0%	-	-
Resolution Time P2	1 BD	62%	68%	61%	-	•
Resolution Time P3	3 BD	83%	86%	89%		
Resolution Time P4	5 BD	100%	100%	98%	•	_
Resolution Time P5	20 BD	100%	100%	100%	_	
Requests Raised	-	8685	9136	6455		
Number of Requests Resolved	+	8537	8600	6486		
Requests Resolved within SLT	90%	94%	94%	91%	•	•
Reopened tickets	3%	127 (1%)	135 (1%)	101 (1%)	_	_

Commentary

- Ticket volumes have dropped this month, due to staff taking leave for the Easter period.
- Ticket volume are higher In comparison to the same time last year, mainly due to the two major incidents
- KPIs are trending downwards this month due to the two major incidents and staff taking up leave for the Easter Break.
- P1 tickets trending down as a result of the two major incidents and the incorrect ticket assigning.

Key

Improvement over last month and within SLT

Deterioration from last month but within SLT

No change from last month and within SLT

Improvement over last month and breaching SLT

Deterioration from last month but breaching SLT

No change from last month and breaching SLT

Improvement over last month, No SLT assigned

Deterioration from last month, No SLT assigned

No change from last month, No SLT assigned

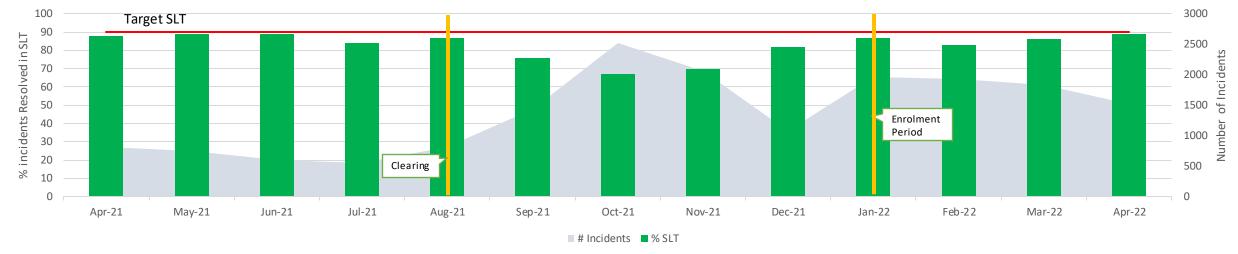
BD = Business Day (Mon – Fri, 8am to 6pm excluding weekends, bank holidays and College closure periods)

NOTE: All volumes on this slide include ITS resolved tickets only (not including E-Learning and Library)

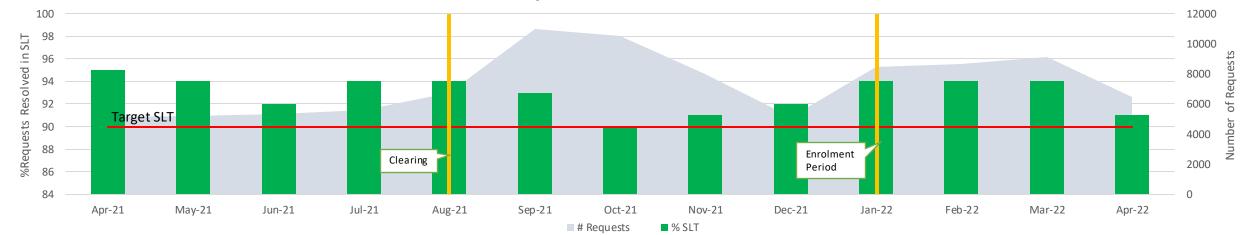


Incident and Requests KPIs





Requests SLTs and Volume





Service Desk Performance

Measure	Target	Feb 22	Mar 22	Apr 22	Trend	Expected Trend
Received Phone Calls	-	1374	1364	1070	Ţ	Ţ
Average Wait Time	25s	14s	13s	15s	•	1
Abandon Rate (Calls)	5%	5%	6%	4%	1	1
FTF (First Time Fix)	75%	71%	80%	76%	•	_
FLF (First Line Fix)	75%	68%	66%	63%	•	1
Email Triage	90%	100%	100%	100%	_	-

Commentary

- Face to face support is available by appointment only, however the focus remains on dealing with Online Chats and Telephone.
- First Line Fix and First Time Fix has dropped has this month due to the two major incidents.
- 50% of incidents raised had been escalated from the Service Desk to 2nd & 3rd line, contributing to the drop in FLF.
- The Service level target for ticket completion for the Service Desk remains above 95% this month.

Improvement over last month and within SLT Deterioration from last month but within SLT No change from last month and within SLT Improvement over last month but breaching SLT Deterioration from last month and breaching SLT No change from last month and breaching SLT Improvement over last month, No SLT assigned Deterioration from last month, No SLT assigned No change from last month, No SLT assigned

FTF = All tickets logged and resolved immediately by either the Service Desk or Campus Customer Support (CCS) team FLF = All tickets resolved by the service desk within SLA without being escalated any further



Ticket Source

ITS Ticket Volume	Feb 22	Mar 22	Apr 22	Trend	Expected Trend
7#>	1071	977	977 608		J
@	3271	3533	2456		Ţ
	1552	1501	910		Ţ
	2995	3337	2744		
Live	1235	1295	831	J	Ţ
TECH BAR	0	0	0		

Commentary

- Ticket volumes across all areas decreased this month as expected due to the Easter period.
- Top Request items this month relate to Agresso PO Closure, Password Resets and Request for Information, which were mainly reported by Self Service and email.
- Top incident items this month relate to AV issues, Hardware and QMplus together makes up 35% of tickets.

Key

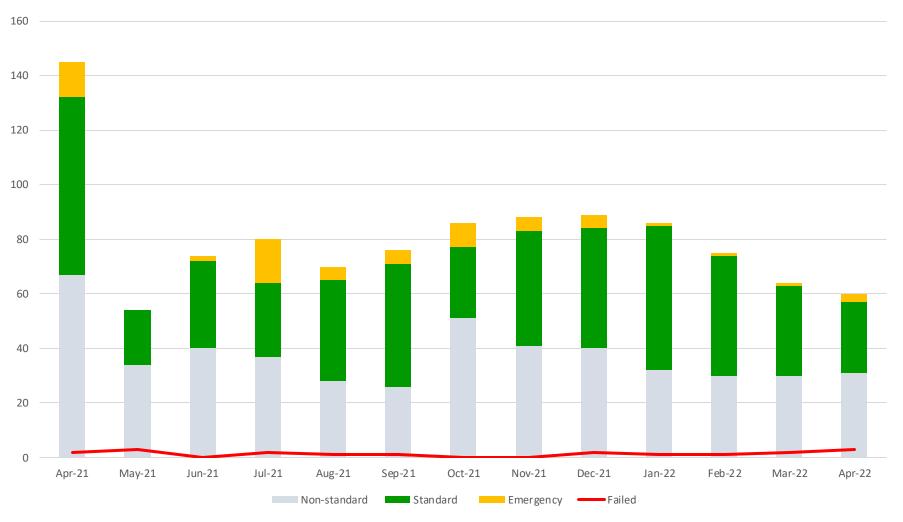


No change from last month, No SLT assigned

FTF = All tickets logged and resolved immediately by either the Service Desk or Campus Customer Support (CCS) team
FLF = All tickets resolved by the service desk within SLA without being escalated any further



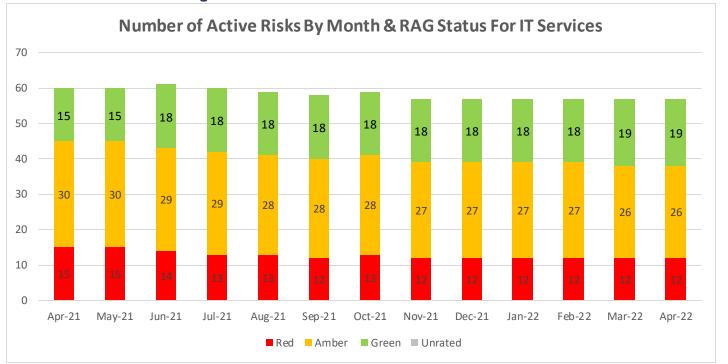
Change Requests



- 1 16772, changes made to the firewall caused access issues to PowerBl dashboards (229958)
- 2 A change to firewall/VPN caused a connection failure with BCI (Inc/229722)
- 3 An upgrade to the Firefox browser resulted in user bookmarks disappearing (inc/229958)



Risk Report

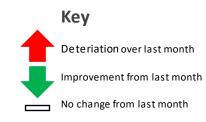


New Risk: The EECS network routers are at risk of failure due to obsolete and out of date hardware and software, which is no longer supported, leading to service outages for EECS users.

Monthly Risk Stats									
Risks Averted	Re- Assigned	New Risks	Total Risks	Risks Realised	Monthly Trend				
0	0	0	57	0					

Top Risks:

- Cyber Security Protect, respond or recover from security incidents caused by Malware or hackers exploiting vulnerabilities in our IT systems to corrupt or steal data - SOC SIEM is in place and a table top exercise undertaken to test our response.
- Legacy and Unmanaged devices Legacy hardware and unmanaged devices that are on the IT Network may introduce vulnerabilities that can be exploited – A Self managed policy is being finalised as part of a project to bring this risk down
- Information Security Using 3rd party collaboration & cloud services that may not be secure or safe to view sensitive information could result in a possible information security breach – training has been provided
- No Overarching Disaster Recovery plan or scheduled DR tests – Business Impact Assessments and continuity plans completed, recovery plans have begun to be documented
- Phishing Covid 19 phishing emails have increased New filters are switched on and successfully blocking spoofing emails. The Spam filters show an increase in volume of traffic this month







Additional Internal Reports

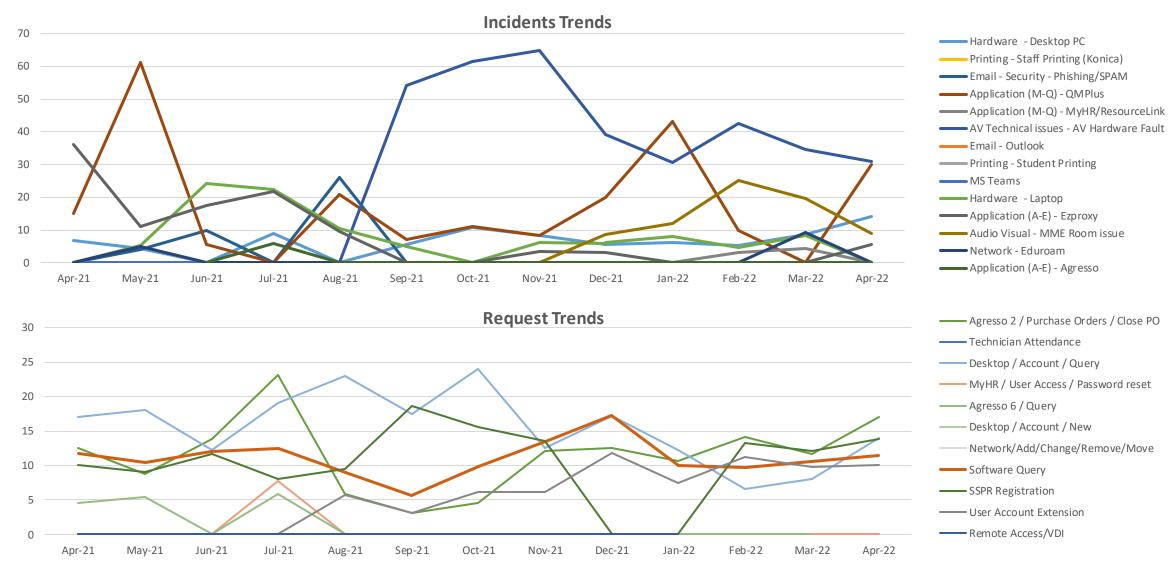
Top 10 Incident and Service Request Types

Incident Category	Total Logged	Percentage Logged	Percentage of Total Logged
AV Technical issues - AV Hardware Fault	200	30.9	10.6
Application (M-Q) - QMPlus	74	11.4	5.1
Application (M-Q) - QMPlus - Unable to Login	64	9.9	4.4
AV Technical issues - MME Room Issue	58	9.0	4.0
Hardware - Desktop PC	58	9.0	4.0
Application (M-Q) - QMPlus - Application Internal Error	57	8.8	3.9
Hardware - Desktop PC - Broken	38	5.9	2.6
Application (A-E) - Ezproxy	36	5.6	2.5
Hardware - Monitor	32	4.9	2.2
Accounts and Passwords - SSPR - Unable to login	30	4.6	2.1

Request Category (Service Item)	Total Logged	Percentage Logged	Percentage of Total Logged
Agresso 2 / Purchase Orders / Close PO	380	17.0	5.9
SSPR Registration	311	13.9	4.8
Request for Information	274	12.2	4.2
Software Query	256	11.4	4.0
User Account / Extension	226	10.1	3.5
Move or Install Laptop or Desktop	215	9.6	3.3
Desktop/Account/Other	173	7.7	2.7
Desktop / Account / Query	144	6.4	2.2
CCS/Hardware/CMDB	130	5.8	2.0
Network / Query	130	5.8	2.0



Top Incident and Service Request Types Trending



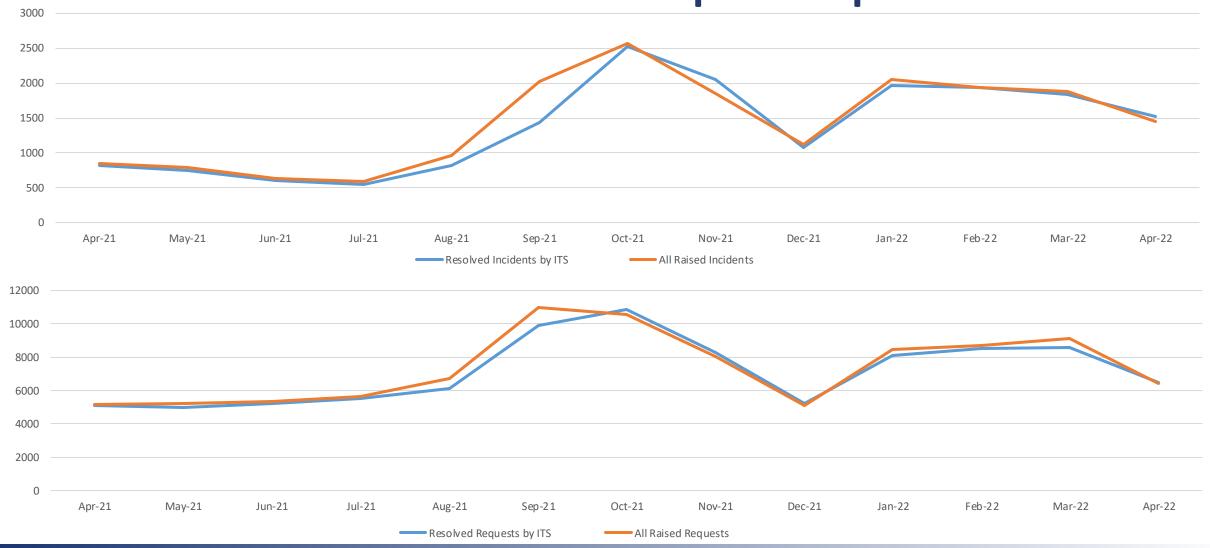


Incident and Request Aged Report Over 30 days

	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22
Infrastructure - Incidents	8	14	22	18	15	22	29	26	36	26	35	28	34
Applications - Incidents	19	18	14	19	19	22	34	43	44	40	37	23	19
Student and Staff Services - Incidents	0	1	4	5	5	10	65	93	102	56	60	24	18
Research and Teaching - Incidents	7	5	7	9	13	15	17	7	2	1	3	1	2
Project team change - incidents	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Incidents	34	38	47	51	52	69	145	169	184	123	135	76	73
Infrastructure - Requests	49	58	69	79	82	73	104	83	118	68	69	81	97
Applications - Requests	31	45	53	46	61	93	123	130	155	130	107	97	102
Student and Staff Services - Requests	62	40	60	84	89	128	266	208	289	201	219	266	259
Research and Teaching - Requests	23	25	21	34	42	45	51	36	24	16	22	20	20
Project team change - Requests	0	0	0	0	0	0	0	0	0	0	0	0	4
Total Requests	165	168	203	243	274	339	544	457	586	415	417	464	482



ITS Incidents and Service Requests Open vs Closed





Ticket Handling KPIs

	Feb	Mar	Apr
Average Incident Response Time Average time for first action on ticket (does not minus hold statuses and non business hours)	1d	1d	1d
Average Request Response Time Average time for first action on ticket (does not minus hold statuses and non business hours)	1d	1d	1d
Average Incident Resolution Time by Priority P1 (4h), P2 (1BD), P3 (3BD), P4 (5BD), P5 (20BD) Average of ticket from logging through to resolution (does not minus hold statuses and non business hours)	P1 = 5m P2 = 4d P3 = 8d P4 = 8d P5 = 4d	P1 = 7h P2 = 3d P3 = 5d P4 = 2d P5 = 1d	P1 = 5d P2 = 7d P3 = 7d P4 = 5d P5 = 9d
Average Request Resolution Time by Priority Average of ticket from logging through to resolution (does not minus hold statuses and non business hours)	SR 15m = 0 SR1hr = 10h SR 4h = 5h SR 10h = 9d SR2d = 1d SR3d = 4d SR5d = 3d SR10d = 7d SR20d = 5d	SR 15m = 0 SR1hr = 1d SR 4h = 3h SR 10h = 3d SR2d = 1d SR3d = 3d SR5d = 3d SR5d = 3d SR10d = 6d SR20d = 8d	SR 15m = 0 SR1hr =15h SR 4h = 5h SR 10h =7d SR2d = 1d SR3d = 5d SR5d = 4d SR10d = 10d SR20d = 9d



Ticket Handling KPIs (cont.)

	Feb	Mar	Apr
Average incident Resolution Time by Category Average of ticket from logging through to resolution (does not minus hold statuses and non business hours)	Accts = 3d	Accts = 3d	Accts = 9d
	Apps = 10d	Apps = 9d	Apps = 9d
	AV = 2d	AV = 2d	AV = 4d
	Email = 5d	Email = 14d	Email = 3d
	Hardware = 3d	Hardware = 6d	Hardware = 4d
	Printing = 3d	Printing = 3d	Printing = 6d
	Managed Service = 1d	Managed Service = 1d	Managed Service = 0d
	Software = 1d	Software = 10d	Software = 3d
	Phone = 9d	Phone = 2d	Phone = 3d
	Network = 2m	Network = 15d	Network = 8d
Average Request Resolution Time by Type Average time to resolution for top level categories (does not minus hold statuses and non business hours)	Apps = 4d	Apps = 3d	Apps = 4d
	Acct = 1d	Acct = 1d	Acct = 1d
	AV = 3d	AV = 4d	AV = 3d
	Lapp, Desk, Access = 8d	Lapp, Desk, Access = 5d	Lapp, Desk, Access = 14d
	Agresso = 1d	Agresso = 2d	Agresso = 4d
Number of Re-Opened Incidents Incidents re-opened following resolution	1= Less than 1% of total resolved	3 = Less than 1% of total resolved	3 = Less than 1% of total resolved
Number of Re-Opened Requests Requests re-opened following resolution	126 = (1% of total resolved)	132 = (1% of total resolved)	98 = (1% of total resolved)
Functional Escalation Tickets escalated beyond the Service Desk (e.g. CCS or Applications)	Incidents = 1267	Incidents = 1025	Incidents = 745
	Requests = 1678	Requests = 1968	Requests = 1538



Ticket Handling KPIs (cont..)

		Feb	Mar	Apr
	Ticket Bounce Rate Tickets reassigned to the Service Desk from 2 nd or 3 rd line teams	Incidents = 61 Requests = 184	Incidents = 50 Requests = 266	Incidents = 64 Requests = 174
Chat	Self-help Usage Views of the Self-help pages on the ITS Site	17,034 Views 15% of total views	16,968 Views 13% of total views	14,148 Views 14% of total views
•	Total Open Incidents Total outstanding Incidents at the end of the month	357 - Open Tickets 72 - Development Services 274 - Platform & services 11 - Research 0 - Projects & Change	289 - Open Tickets 64 - Development Services 222- Platform & services 3 - Research 0 - Projects & Change	240 - Open Tickets 72 - Development Services 160- Platform & services 8 - Research 0 - Projects & Change
	Total Open Service Requests Total outstanding Service Requests at the end of the month	1273 - Open Tickets 264 - Development Services 959 - Platform & Services 50 - Research 0 - Projects & Change	1343 - Open Tickets 288 - Development Services 1021 - Platform & Services 30 - Research 4 - Projects & Change	1263 - Open Tickets 282- Development Services 944 - Platform & Services 33 - Research 4 - Projects & Change





Questions about this report, or would you like to know more?

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