Release Notes

Connected Urban Transport

RELEASE NOTES

109 47-HSC 901 140 Uen Rev B

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1 Introduction

The Connected Urban Transport (CUT) Release Notes describes the software components and documents delivered in the CUT releases.

CUT allows transport authorities to manage separate infrastructure asset groups from one centralized viewpoint. Existing asset applications (software) can be easily integrated with the CUT interfaces. CUT allows co-ordination across infrastructure groups by providing an overlay on top of these separate data silos and linking the data in real-time. This supports workflow automation and provides intelligent insights across disparate applications and regional boundaries.

CUT is delivered as Software as a Service (SaaS).

1.1 Target Audience

The Release notes are intended for both external and internal audiences, needing insight in the CUT deliverable items.

2 CUT Architecture overview

CUT is component based. The two main components are the User Interface (UI), aka “Frontend” and the Application Programming Interface (API), aka “Backend”. These components are marked in green in the picture below. In addition, CUT also consists of adapters allowing CUT to communicate with certain external element managers, to which devices of different types are connected. Such components are marked in purple in the picture below.

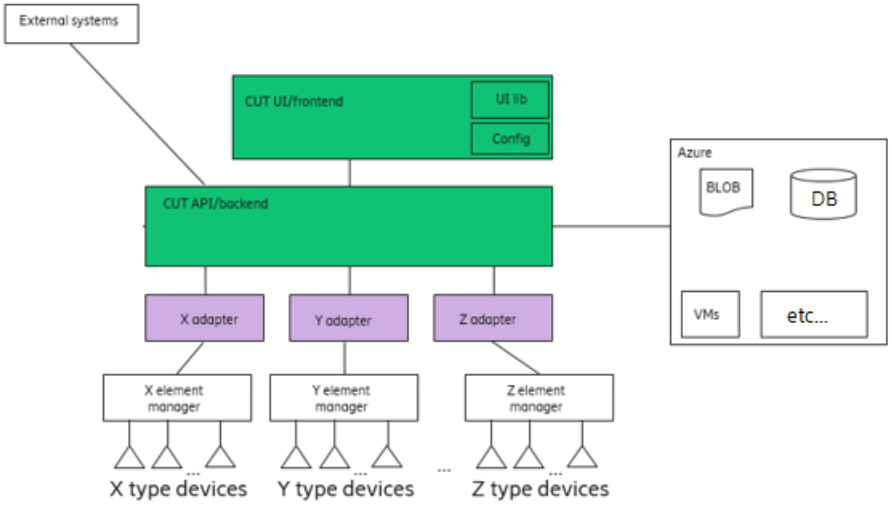

Figure 1. CUT architecture overview

The CUT components are deployed in an Azure cloud.

External northbound systems can use the CUT API:s for integration.

3 CUT delivery

Product Number	Version
HSC 901 140	R23A

3.1 Components

3.1.1 Core components

Component	Product Number	Version
UI/Frontend	HSM 901 4616	R29A
API/Backend	HSM 901 4721	R24A

New features / bug fixes / improvements :

ctcstories #161523 Implement locking mechanism for enabling one pm2 api instance to execute action

ctcstories #161522 Implement action schedule syncronisation between multiple pm2 api instances

ctckanbansystem #11111: graphqlerror syntax update

ctcbugs #160019 Rule cannot trigger action macro

ctcbugs #152134 Omit Wiki link if user have no minimum set of permissions to open

ctcbugs #157248 Cannot read property 'lastActiveTimestamp' of undefined - meaurements, pubsub

ctcbugs #157334 Failed to create preferences on logout

ctcbugs #144140 Detector tooltips are rotated

ctcbugs #95604 Adjusting cypress test wiki

ctcbugs #143545 In SharedDb file download UI, enhance visibility of archived icon

ctcbugs #158024 Right click on marker stops working after click on map

ctcbugs #140792 User guides search and refresh function does not work

ctcbugs #110488 'isparta-loader' update

ctcbugs #150756 Scheduler visible for Test Manager and manger test adjust

ctcbugs #161878 Different instances of CUT UI clients have different count of "filters" items

ctcbugs #159322 Scheduler Device/Service and Action/Macro empty

ctcbugs #158260 Create entity type rule parameter missing filtering (search)

ctcbugs #159914 Default parameters for scheduling action macro are changed after saving a schedule

ctcbugs #149565 ScheduleActionMacroComponent.spec.js contains unreliable test cases

ctcbugs #149564 Schedule action macro incorrect time format validation

ctcbugs #160295 Schedule action macro save button not disabled for invalid input

ctcbugs #159915 Padding issue in Schedule card

ctcbugs #162638 At login CUT UI client was not subscribed on ctc/measurements/v3/deviceType

ctcbugs #152438 - POST measurements towards TDS push Kafka into restart

ctcbugs #161492 API component test report in CI Regression Test on dev needs to be fixed

ctcbugs #161779 POST /documents/{documentId}upload content-type not set properly

3.1.2 Adapter components

Component	Product Number	Version
MaxView adapter	CSH 109 684	R21A
Kinetic adapter	CSH 109 832	R21A
TxDOT C2C adapter	FAR 901 7070	R18A

Teleste adapter	CSH 109 692	R21A

New features / bug fixes / improvements:

ctcstories #158697 MaxView devices SPAT data is cleared when devices change to "comm failure" or "comm disabled" status

ctckanbansystem #11111: increase maxView server timeout to 20 sec

ctckanbansystem #11111: improve error logging within maxViewAlarmsParser

ctcbugs #157339 C2C adapter sends intersections of not supported service to TXDOT

ctcbugs #151779 Vulnerability High in "axios" - package-lock update

ctcbugs #140371 Vulnerability High in 'diff' dev dep

ctcbugs #141029 Teleste adapter sends update for measurements that have not change values

3.2 Documents

Document name	Document number	Product number	Revision state
CUT Solution Overview	15935	HSC 901 140	B
User Guide	1/1553	HSC 901 140	K

4 Known Limitations

Please refer to 17005-HSC 901 140.

5 References

[1]