



BUILD SUMMARY: acumen release 20.09

Introduction

The acumen project team wish to deploy a new release of the application to:

1. Production environment (<https://acumen.tms-uk-rail.co.uk>), and
2. Training environment (<https://acumen-training.tms-uk-rail.co.uk>).

The release has received the designation **20.09** and it is the intention to deploy at 01:00 hrs. on Sunday 20th September, 2020, handing back the application to users by start of train service.

The aim of this document is to summarise the contents of the referenced release in respect of new functionality, changes to existing functionality and to detail any bug or security fixes.

Additionally, the process for deployment of acumen upgrades requires principle agreement from key stakeholder groups and this document serves as both formal notice of intention and notification of content in order that this agreement be obtained.

With reference to the acumen upgrade process, this release is considered to be a **Standard Update** and principle agreement from key stakeholders is required by T-28, **23rd August 2020**.

New Functionality

Ref	Title	Details
61	Rendering of train service plan beyond current 12 hour view.	Users are provided with a new interface 'Advance Plan' which provides the following functionality: <ul style="list-style-type: none">• Select 12 period to view,• Raises occupation conflicts against the train plan (planning errors),• Raises conflicts against Infrastructure Restrictions,• Export conflicts to a spreadsheet.

Changes to existing functionality

Ref	Title	Details
493	Application is responsive and usable on a mobile device.	The application is now considered responsive and usable on a mobile device.
463	Remove sub-platforms from York.	Sub platforms removed as requested by users.
431	Enhancements to Off Booked Route calling services.	Occupation of an approach berth by a service calling off booked route will re-plan the arrival and departure time according to the configuration.
354	Enhancements to Off Booked Route calling services.	Users can now: <ul style="list-style-type: none"> • Re-time, • Re-platform, • Add Train Note, • Notify Train Crew Issue, • Create/amend associations, • Create Train Running Restrictions. Services now: <ul style="list-style-type: none"> • Raise occupation conflicts, • Raise Infrastructure and train running restriction conflicts, • Raise association conflicts.
356	Enhancements to Infrastructure Restrictions	Users can now: <ul style="list-style-type: none"> • Add/remove/edit multiple platforms, • Amend start/end times.
496	York users request black line to denote historic train association platform occupation.	Line provided as requested.
568	The application does not render the correct platform where a service passes through 1 platform to arrive and depart from another platform – i.e. platforms 3 and 4 at York.	The application now correctly deals with this scenario and renders the service in the correct platform.

Bug / Security Fixes

Ref	Title	Details
580	Occupation conflicts not raised consistently where sub-platforms are provided. (#856571, #152590)	The application now raises sub-conflict occupation conflicts correctly and as per user expectations.
573	Train running restriction conflicts not raised where sub-platforms are provided.	The application now raises sub-conflict train running restriction conflicts correctly and as per user expectations.
589	Associated services on different sub-platforms show a split line indication.	The application now deals with associations on different sub-platforms.
457	Application needs to maintain dwell times when undertaking a re-plan of the arrival time.	The application now adjusts the departure time accordingly and prompts users if the times are invalid.