

Transition Iteration 2 (T2) - 21 September 2021

Key Milestones

Milestone	Date
Handover (Deployment of the system (Beta UAT as its a POC which Intellify will improve and turn into a full production system)	18/10/2021
External user acceptance testing (Beta UAT)	16/09/2021 - Onwards into T2 (Transition iteration 2)
Resolution of issues	TBC, awaiting return of feedback forms. (Forms sent out 16/09/2021)
Continuing work on the contingency solution (XGBoost and its variants)	15/09/2021 - End of project

High level objectives

1. **Handover (Final production deployment of the system)** - As a proof of concept system, the deployment of system will be done in coordination with the user acceptance testing with any modifications completed once feedback is returned. This is an ongoing task.
2. **External user acceptance testing (Beta UAT)** - Given the structure of the project and the nature of this POC only a single wave of testing will be conducted, this is also due to the delays expected in testing and communication with DCS/Spatial Services. This single wave was conducted last iteration, feedback has been collected all the way along the project but this creates a final checklist for cleanup and handover.
3. **Resolution of issues** - Once feedback is received it will be processed and adjustments made where required to the existing pipelines. Time is limited, especially given this is a university subject with a solid end date so any additional fixes or changes that can't be made due to this limitation will be documented for use by Intellify for there full implementation should that proceed in its entirety.
4. **Contingency solution** - The team now has a few working and usable pipelines for the aerial imagery processing initiative, although these have been very successful overall an additional algorithms have been presented by Intellify to explore for the remainder of the time.

Evaluation Criteria



How will we determine if the high level objectives are achieved.




1. **Handover (Deployment of the system)** - Manuals and git repository to be handed over to DCS/Spatial Services on the 18th October, they will receive a comprehensive documentation set as well as all extra working file. This milestone marks the end of the project. During this iteration we will be aiming to complete the cleanup and collation of all these documents. Next iteration will see the finalisation of this milestone.
2. **External user acceptance testing (Beta UAT)** - Feedback is returned using the provided google forms, no date has been set as staff are busy but @ Patrick Funnell will periodically check in to see the status of the beta acceptance testing.
3. **Resolution of issues** - Not to be evaluated in this iteration, unlikely feedback will be returned before the end of the iteration.
4. **Contingency solution** - The XGBoost and UNET pipelines have been started, these alternative pipelines represent in some ways a better solution to that of GMM and the AWS Semantic Segmentation pipelines. The aim is to have these usable with a manual for handover. As this is a POC project there is no urgency to have this contingency completed as there is a number of usable pipelines as well as the associated documentation, this will enable Spatial Services and Intellify to continue this research and development in the future. Although we would still like to have these done for the improved results and what that represents for Spatial Service's aerial image processing pipelines.

Work Item assignments

The following Work Items will be addressed in this iteration:

Jira

Key	Summary	T	Created	Updated	Due	Assi gnee	Repo rter	P	Status	Reso lution
FEAII-120	Transition iteration plan 3		Sunday 1: 58 AM	Today 7:11 AM	14/Oct /21	Patrick Funnell	Patrick Funnell	=	DON E	Done
FEAII-113	Document refinement and polish document set for release		22/Sep/21 10:25 AM	Today 7:11 AM	14/Oct /21	Patrick Funnell	Patrick Funnell	=	IN PROGR ESS	Unresolv ed

FEAIL-110	Transition iteration plan 2		22/Sep/21 10:02 AM	09/Oct/21 5:53 AM	05/Oct/21	Patrick Funnell	Patrick Funnell	=	DONE	Done
FEAIL-109	PSR Reporting (September)		22/Sep/21 9:59 AM	Today 7:11 AM	07/Oct/21	Cam	Patrick Funnell	=	DONE	Done
FEAIL-101	Lessons learnt collection session (internal G5)		18/Aug/21 1:05 PM	15/Sep/21 10:36 AM	13/Oct/21	Patrick Funnell	Patrick Funnell	^	TO DO	Unresolved

5 issues

Other

ID	Name / keywords of desc.	Outcome	State	Assigned to	Hrs Est.	Hrs Act.	Hrs Left
1							
2							
3							
4							
5							
6							
7							
8							

Risks to be resolved within this iteration

Risk	Status	Notes

Issues to be resolved within this iteration

Issue Index	Issues	Status	Notes
No Jira issue, a quick email was sent.	User feedback has not yet been returned	IN PROGRESS	@ Patrick Funnell reached out to Simon to get a status update on the feedback.

Assessment

Assessment target	Product release milestone (PRM)
Assessment date	18-Oct-2021
Participants	All
Project status	70%-80%

Assessment target	Project Management Assessment Stream (PMAS)
Assessment date	18-Oct-2021
Participants	All
Project status	70%-80%

- Assessment against objectives
- Work Items: Planned compared to actually completed
- Assessment against Evaluation Criteria Test results
- Other concerns and deviations