

Transition Iteration 1 (T1) - 7 September 2021

Key Milestones

Milestone	Date
Deployment of the system (Beta UAT as its a POC which Intellify will improve and turn into a full production system)	16/09/2021
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)
Beginning of contingency solution (XGBoost and its variants)	15/09/2021 - End of project

High level objectives

1. **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.
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. **Deployment of the system** - Manuals and git repository handed over to DCS/Spatial Services for testing, will receive a comprehensive documentation set as well as all extra working files at the end of the project.
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** - No real evaluation at this stage - Andrew is getting started with Nik on this and they'll make a judgement as to where this is going, it will be ongoing until the end of the project. A parallel pipeline for improvement and exploration, in keeping with the exploratory manner of the project Nik has proposed this extra pipeline to get the most out of the proof of concept side of the long term vision. Adam may get involved at some stage as well.

Work Item assignments

The following Work Items will be addressed in this iteration:

Jira

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FEAII-108	Transition iteration plan 1 creation		22/Sep /21 9:56 AM	04/Oct /21 10: 10 AM	14/Sep /21	Patrick Funnell	Patrick Funnell	==	DONE	Done
FEAII-107	Xgboost		15/Sep /21 10: 31 AM	Today 7: 13 AM	13/Oct /21	ablewitt	Patrick Funnell	==	DONE	Done
FEAII-106	Xgboost		15/Sep /21 10: 31 AM	Today 7: 12 AM	13/Oct /21	Andrew Smith	Patrick Funnell	==	DONE	Done
FEAII-105	Unet exploration		15/Sep /21 10: 30 AM	Today 7: 12 AM	18/Oct /21	ablewitt	Patrick Funnell	==	DONE	Done

FEAII-87 UATs (Hand over Beta test system to DCS for testing, plus user manual, they will work with it and then return some feedback)



10/Aug
/21 11:
29 AM

28/Sep
/21 2:46
AM

20/Sep
/21

Patrick
Funnell

Patrick
Funnell



DON
E

Done

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
Time limitations for solution issue resolution	PRESENT	

Issues to be resolved within this iteration

Risk List Index	Issues	Status	Notes
No major issues, normal Jira task workflow.			

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