

## TEAM WITH YEARS OF EXPERIENCE IN DEVELOPING CUTTING EDGE TECHNOLOGY

The founding team has extensive experience as part of former start-ups, ISO/IEC standardisation, industry projects, and strategy development. The team has completed PhD degrees and is capable of working together with you on your challenges to find efficient solutions.



## KEY CUSTOMERS & PARTNERSHIPS

- Multiple SMEs: mobile & web apps
- Multiple aerial drone missions: 3D models, S&R, multispectral, analytics, hydrology, assets inspections
- Technology and strategy consulting for SMEs
- CASA drone safety app development program
- Defense Science Centre (DSC) WA
- University collaborations conducting R&D
- Student internships & WIL opportunities

**Put our services to the test, contact us for a collaboration, discussion, or a consultation**



PO BOX 1403, 6872 West Perth, WA, AUSTRALIA



M: +61 (0)41 334 9 225  
T: +61 (0)86 10 20 30 4  
E: info@uxmachines.com  
W: www.uxmachines.com



## Software, AI & Autonomous Aerial Drones

We team humans with AI and create value in executing drone operations autonomously

Increasing efficiency dividends through human machine teaming technologies and intelligent mission planning



Agriculture—Defense—Mining

WWW.UXMACHINES.COM

“ We use AI to create value and execute drone missions autonomously. We increase efficiency dividends through human machine teaming technologies and intelligence. ”

CEO UXMachines Pty Ltd

## COMMERCIAL DRONE OPERATOR

We are certified under CASA ReOC 7399, ARN 834101 for up to 25kg MTOW drone operations. We are an AAUS accredited operator.



# UXMachines

## Emerging UAV Technologies — R&D, Consulting & Prototypes



Data supporting intelligent decision making



Swarming & multi drone operations

Our skilled and highly trained engineers help you with a cost efficient solution for products & prototypes  
 We have a long years track record in R&D to bring your ideas up to product level!

We are your partner in developing new emerging UAV technologies beyond the current state!

### AWARDS

- CASA drone safety app developer
- Landgate SPUR location grant program
- Northrop Grumman Australian showcase (finalist)
- DStart Ignite, Dept. of Defence Australia (alumni)
- AAUS accredited drone operator



## Services for the Next Generation of UAVs

### UAVs

- Autonomous aerial drones
- Mission planning software
- Smart payloads & prototyping
- Complex aerial drone missions
- Custom UAVs (software/hardware)
- AI & autonomy
- Analytics: data capture, mapping, asset digitalization, ...

### SOFTWARE & AI

- Embedded systems and flight controllers
- Full stack web and mobile development
- Data analytics, AI/ML, and visualisation

### UX & UI

- Human machine teaming technology
- UX, interaction design & human factors
- Cognitive work analysis
- User Interfaces (UI) designs

aerophoria.com  
 sign up for FREE!

## AEROPhoria — Mission Planning & Analytics

AI empowered cloud based solution for aerial drones — from mission planning to data analytics

### DISCRIMINATORS

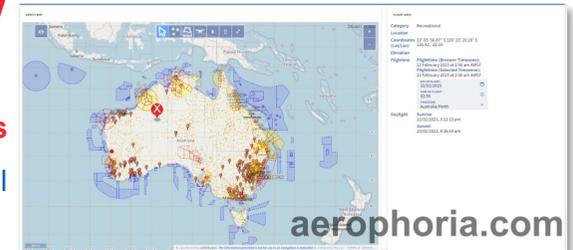
- CASA validated drone safety app and mission planning tool
- 350+ subscribers to our AEROPhoria platform
- 22+ years experience in developing IT solutions
- Challenge driven team to solve customer problems
- Experienced partners

UXMachines is a leading software & autonomous aerial drone company serving the defence, mining and agricultural sector. Our vision: using AI to create value and execute drone operations autonomously. We commenced in Perth, Western Australia in 2019 to build innovative solutions for aerial drones. Our team has worked successfully on numerous large-scale projects.



### HUMAN MACHINE TEAMING TECHNOLOGIES

We develop new user interfaces and systems where AI collaborates with humans.  
 Humans should interact on the level of mission goals and intentions rather than flying the drone.



### AEROPhoria: MISSION PLANNING AND ANALYTICS

Optimising aerial drone data workflows in every step of your mission. A CASA verified drone safety app displays maps and information to fly your drone according to regulation.