

# CORTEXIA CAPABILITY STATEMENT

ACCOMPLISH@CORTEXIA.COM.AU

1300 907 103

We improve performance and enhance safety for high-risk and high-reliability industries.

## FULL SUITE OF HUMAN FACTORS CAPABILITY

Cortexia provides the full suite of human factors consultancy support across your Projects and Operations. We are world recognised experts in applying the latest human factors methods to complex problems. This includes **Task Analyses, Incident Investigations, Human Error Assessment, Operational Testing & Evaluation, Workload Studies, Usability Studies and User Centred Design.**

## OPERATIONS DIAGNOSTICS & SAFETY SURVEYING

Our Operations & Safety Diagnostic provides you with an in-depth analysis of your current operations including both strengths and weaknesses. Our unique model and **Contextual Inquiry** approach gives you an accurate picture of your risk, allowing you to improve process, procedures, and most importantly, results.

## OPERATIONAL & SAFETY TRAINING

Cortexia are world leaders in **Threat & Error Management (TEM)** training for the real world, adapting countermeasures from our network of Special Forces to Sports Psychologists for high-reliability and high-risk industry operators. **We also offer SCORM compliant Human Factors and TEM online training packages that can be integrated into your existing mandatory training within your LMS.**

## SAFETY MANAGEMENT SYSTEM & SOP DESIGN

Cortexia can design the full suite of Human Factors and System Safety artefacts for your SMS, no matter your industry. We are experts in developing industry best practice guidance, policy and procedure. Additionally, we have extensive experience in designing and implementing **Fair & Just Culture** programs.

## ARGOS P R O T O C O L

Cortexia are the creators of the Argos Protocol; a methodology designed to accurately monitor and improve performance, and reduce error in high-reliability and high-risk industries.

See more at [www.argosprotocol.com](http://www.argosprotocol.com)

## HUMAN FACTORS FOR BANKING & FINANCE



Cortexia are global leaders in integrating human factors in the banking & finance industry; our methods are proven to reduce errors in manual processes, empower employees and improve ability to identify systemic issues. By uplifting investigation and analysis practices, and empowering employees to identify operational threats and manage human error, human factors acts as a driver for reduced errors, enhanced corporate reputation and better targeted interventions.



Cortexia's expert staff are contributing members to a number of CANISO Committees and Working Groups



CASE STUDIES

# CORTEXIA<sup>®</sup>

HUMAN FACTORS · SAFETY ·  
ORGANISATIONAL EXCELLENCE

UTILITIES | TRANSPORTATION | FINANCE | MINING | HEALTHCARE | DEFENCE | EMERGENCY SERVICES | MOTORSPORT

[CORTEXIA.COM.AU](http://CORTEXIA.COM.AU)

# OUR ETHOS & ADVANTAGE

Cortexia is a boutique **human factors, safety and organisational excellence** consultancy working closely with organisations from a variety of industries. We apply cutting edge research and practices to formulate pragmatic solutions that improve your results without the scientific jargon and unwieldy academic approaches. We are real world practitioners, recognised for our proven ability to adapt the latest human factors and ultra-resilience practices to new industries.



## RECOGNISED

Our consultants, led by Dr. Damien Armenis are globally recognised within their crafts



## EFFICIENT

Our deliverables are always concise, pragmatic, cost-effective and impactful



## CUTTING EDGE

We are not only across the latest research but contribute to it



## EXPERT

All our consultants understand the unique environment high-risk organisations operate in

# CORTEXIA

HUMAN FACTORS · SAFETY · ORGANISATIONAL EXCELLENCE

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+1000  
INTERVIEWS



+2,500 HF, SAFETY &  
AUTOMATION  
REQUIREMENTS



+70 HUMAN FACTORS  
INVESTIGATIONS



+250 ON-SITE  
OBSERVATIONS



+300  
RIDE-ALONGS



+35 STUDIES &  
PUBLICATIONS



+105 WORKSHOPS  
& MASTERCLASSES

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Australia HQ - Global Reach

united energy

Commonwealth Bank

CS energy

airservices

TasNetworks  
Delivering your power

CITIPower

Powercor  
AUSTRALIA

SOUTH32

NSW  
GOVERNMENT

Transport  
for NSW

yarra trams

BR PETROBRAS

CIMIC

Australian Government  
Department of Defence