



# TASMANIA: Two-way Satellite Secure Media Delivery Monitoring Application

Applications: B2B/B2C

*"The TASMANIA application truly sets the standard for a web management tool that enables secure, end-to-end B2B content delivery and certified reporting of content events."*

*Charles Josa, Director, Flowing Content S.A.*



## PRIME CONTRACTOR:

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## PROJECT PARTNERS:

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## PROFILE:

TASMANIA (Two-way Satellite Secure Media Delivery Monitoring Application) is a secure and flexible web application enabling content users to organise, schedule and monitor B2B delivery from storage premises to widely distributed sites and to generate automatic reports on the usage of content made by these sites.

The application runs over an IP (Internet Protocol) two-way satellite network suited to large-scale content dissemination with a low data rate return path to satisfy users on the key concern of security and certified backchannel reporting.

TASMANIA was designed and developed with maximum security and reliability in mind, for the benefit of content users and managers:

- Web interface to visualise delivery operations after authentication
- Delivery management includes:
  - selection of media to be transmitted
  - selection of authorised groups of receivers
  - scheduling for delivery deadline and throughput optimisation
  - visualisation in real time of delivery status and media status per recipient
    - 'Scheduled', 'In progress'
    - 'Received by All' after validation by both server and receiver of the reception acknowledgement
    - content access tracking
  - performance monitoring
  - user's rights
  - audit trails
- Double-encryption layer for all content (both the content and its delivery stream are encrypted)
- The return path signal is used to report on each content event, including certified receipt and subsequent access of content
- Web Services to facilitate interfaces with corporate applications (ERP)

The application is operated under licence using the BROADBAND-ENGINE™ delivery software.