The Power of Connected Data in EA to Drive GenAI Success

Brenda Cowie

Senior VP, Strategic Growth,
Orbus Software

Kurt Wysock

VP Technology Architecture,
RCG Global Services

Agenda

Connected Data

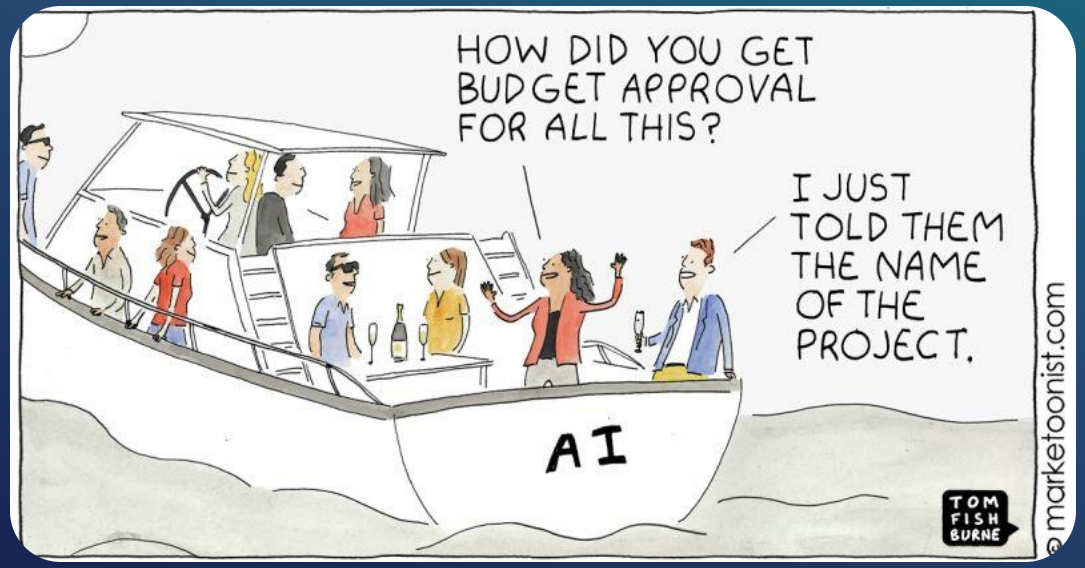
Connected data provides insights that can empower your decisions.

Seamless Integrations and EA Insights

Seamless integrations and EA insights can help your organization be more efficient, effective, and agile.

GenAI

GenAI can improve your decision-making process and increase your organization's performance.



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Connected data in EA is required for Digital Transformation

Only 35%

of organizations' digital transformation efforts are successful

Gartner

The digital transformation market is worth

$880.28 billion

Polaris Market Research

By 2026, global spending on digital transformation is expected to hit

$3.4 trillion

IDC

74%

of organizations consider digital transformation a top priority

Flexera

Cloud, AI, and the Internet of Things

are the top 3 areas companies are scaling up during digital transformation

Accenture

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The Power of Connected Data in EA

Connected data in Enterprise Architecture (EA) integrates information across systems to enable better alignment with business strategy, accelerates insights, and supports more effective decision-making.

Benefits

Informed Strategic Decisions
Provides a unified data view that aligns architecture decisions with business goals, ensuring investments drive the right outcomes

Enhanced Agility
Connects data to reveal dependencies and anticipate impacts, enabling quicker and more coordinated responses to changes or disruptions.

Cost Efficiency and Optimization
Identifies overlaps and inefficiencies, helping streamline resources, reduce redundancies, and optimize operational costs.

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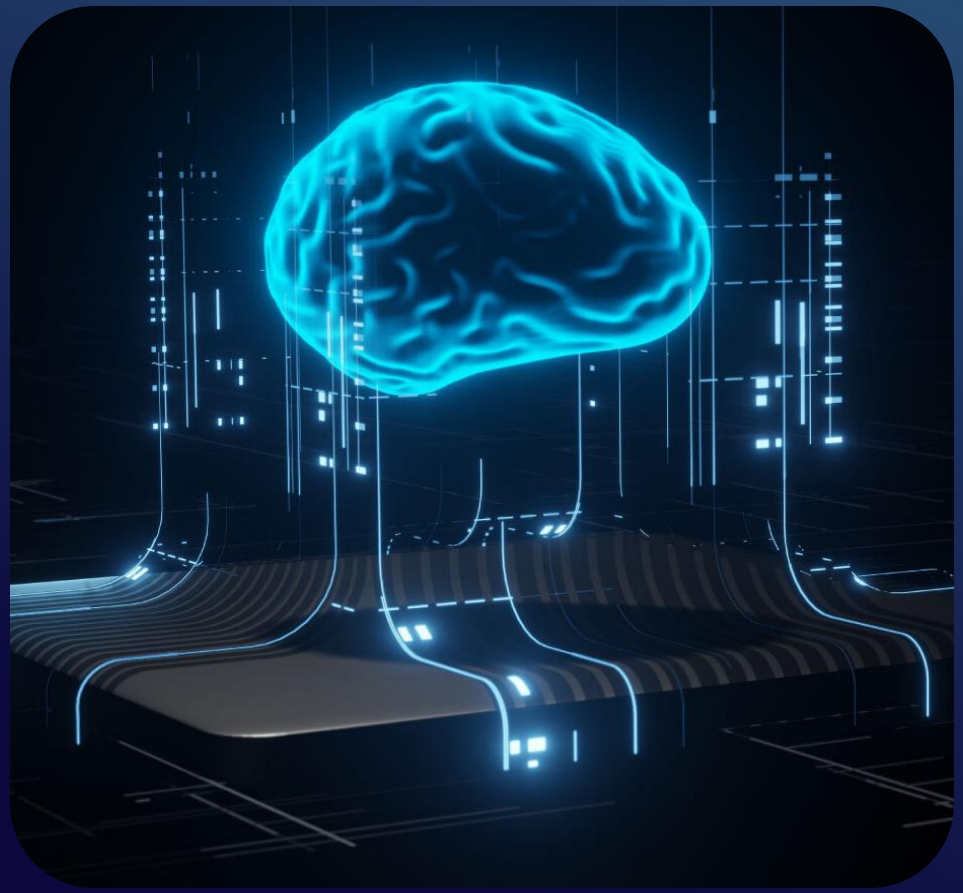
Poll Question - Connected Data

What do you find is the biggest challenge in having accurate data to make informed Enterprise Architecture (EA) decisions?

Response Options:

1. Inconsistent data sources and formats across systems
2. Data quality issues, including completeness, accuracy, and timeliness
3. Limited data governance and ownership
4. Difficulty in integrating real-time data into decision-making processes

Challenges Connecting Data and Adopting AI



Key concerns raised by our customers

TRUST

Customers express concern about the **accuracy** of responses from foundation models (FMs).

READINESS

Customers realize that their data **quality** and quantity is not ready to operationalize the POC at scale.

COMPLIANCE

Customers have concerns about **regulatory**, compliance, and security issues.

OPERATING MODEL

Customers lack a standardized operational process or **AI COE**, and governance set up for production.

ROI

Typically, **cost reductions** are likely to occur within 1-2 quarters of deployment while revenue gains could take 3-4 quarters to materialize

** AWS Partner and Customer Insights*

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EA can connect data and deliver value to the organization

Enterprise information is required for EA use cases to drive key EA decisioning.

1. Business Value
2. Application Inventories
3. Cost and Financials
4. Project Portfolio
5. Technical Health
6. Data & Integration
7. Compliance & Security
8. Stakeholder Feedback

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FLOW: Seamless Integration is required for modern AI Use Cases

Seamless Integration capabilities with new iPaaS functionality

Automate workflows
Streamline and automate business processes by integrating various cloud and on-premises applications, reducing manual efforts and minimizing errors.

Enhanced connectivity:
Connect a wide range of applications, from CMDB and ERP systems to APM or cloud infrastructure platforms, creating a cohesive IT ecosystem.

Scalable integrations
Easily scale integrations as your business grows, with the flexibility to add or remove systems without disrupting existing workflows.

User-Friendly:
Low-code, drag-and-drop interface to design and manage integrations, making it accessible even to non-technical users.

Always ON, real-time data synchronization:
Data across different systems is always up-to-date and accurate, facilitating better decision-making and improving overall data integrity.

Robust security:
Benefit from enterprise-grade security features, ensuring that data transfers between systems are secure and compliant with industry standards.

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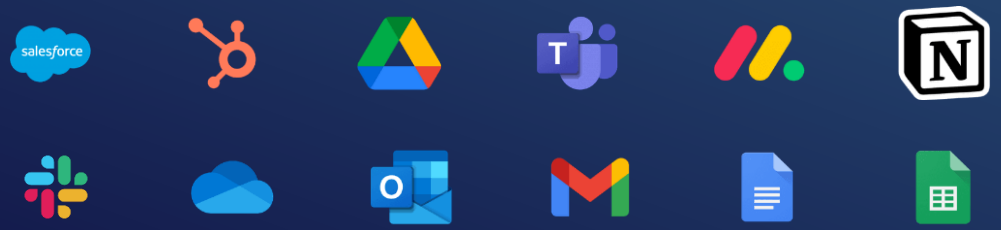
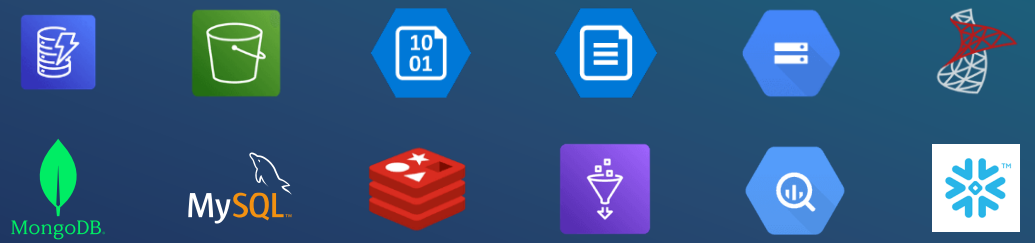
OrbusInfinity Flow Can Connect the Enterprise

OrbusInfinity Flow seamlessly integrates with the apps your business uses every day, right out of the box.

Stakeholder Engagement & Collaboration



Technical Health and Infrastructure



Business Intelligence

Cost and Financials

IT Service Operations

Project Governance

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150+ integrations available

Common Use Cases: Record, Work, Collaborate.

Integrations:

- Connect Salesforce to NetSuite to synchronize invoice data
- Sync IT asset information from a CMDB into OrbusInfinity

Workflows:

- Create an attestation workflow where application owners receive Teams notifications to review and approve application details.

Calculations:

- Calculate a risk / health score based upon an algorithm

Model population:

- Use GPT to auto-classify applications, or generate narrative

Data transformations:

- Use GPT to translate all repository content into another language

Notifications:

- Send the CTO a Teams notification about upcoming end of life technology
- Notify Application Owner via Teams notification about upcoming auto-renewals or contract expiration
- Send a weekly data quality / completeness report to the repository admin
- Send architects a change notification every time something they own is updated.

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Failing in Identifying, Maintaining and Prioritizing Tech Debt Builds Up the Tech Debt Mountain

Lack of engagement and ownership
- Limited action and follow-ups

Incomplete data & visibility
- Limited access to data sources...
- ... or access but significant manpower to keep data up to date

Incomplete understanding of tech debt's size & impact
- Limited insights on affected critical assets, cost impact, and impact on strategy

Ad-hoc ways of identifying and evaluating tech debt
- Tech debt overseen to achieve quick business outcomes due to inconsistent processes and limited visibility of impact

OrbusInfinity Flow Demo

“Tech Debt”

Caroline Prévoteau
Professional Services Director, NAM Region
Orbus Software

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Pay down your Technical Debt with OrbusInfinity Flow

Pre-built and tailored workflows

- **Notify** stakeholders to assess & prioritize tech debt using Gartner's PAID framework
- Annual Attestation, & Notifications to **track progress**

Extensive library of plug & play integrations with common enterprise apps

- e.g. **Lifecycle** information or Technology Dependency from common **CDMDs**

Low-code: Build Your Own Integration with *any* tool

- Feed your application portfolio with insights from **monitoring tools**, and **code-quality analyzers**
- **Self-service, drag & drop**, no reliance on technical experts
- Highly **customizable** to your context

Surface and identify Strategic initiatives and Critical assets that are at risk

- **AI-generated mappings** of enterprise impact

Pre-built automations

- Automatic calculations of scores and impact, such as aggregated **cost & calculated technology obsolescence**

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RCG brings experience in delivering value with connected Data + AI

Customers and Users

Customers / users facing applications

- Applications / Platforms
- Workflow tools
- Workbench
- AI Assistants

Leveraging the models and making it accessible

- API layer
- Orchestration

Provides access to Gen AI models through the APIs so that users can leverage the Gen AI solution

- General AI Models
- Specific AI Models
- Custom AI Models

OrbusInfinity Flow → RAG

Enterprise Data Sources and Integration – OrbusInfinity Flow

servicenow · Microsoft Azure · Jira · Azure DevOps · flexera · aws

Key Considerations

- Volume of use cases
- Choice of foundation and LLM models
- Model customization and tuning
- LLM Guardrails
- LLM Ops
- RAG Evaluation
- Knowledge Graph
- AI infrastructure (compute, storage, to data security)

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Transform Smarter with AI

OrbusInfinity is an AI-powered Enterprise Transformation Platform, essential to planning any significant business or IT change, used by transformation leaders to make exceptional strategic decisions

- Enterprise Architecture
- Strategic Planning
- IT Portfolio Management
- Business Process Analysis
- Sustainability Management

Generative AI

Future Diagramming

iPaaS / Integration

RCG Global Services | OrbusINFINITY

Navigating your GenAI journey with RCG GenAI Rapid Assessment

1 Develop your Gen-AI Vision and Strategy

Identify your AI goals aligned to business objectives and identify real time applications that provide immediate value.

2 Assess your Business Viability

Analyze key cost drivers like model choice, technology stack, customization, volume and maintenance and determine ROI

3 Evaluate the Data Quality

Determine various data sources, asses the data accuracy, consistency and reliability for building the solution

4 Build your AI Proof of Value

Identify high-impact use cases and rapidly evaluate foundational models using customer's unique data set, demonstrating immediate value and ROI to stakeholders.

What do you get?

Gen AI Design Workshop
Awareness about AI solutions and how they can be applied within your business environment.

Gen AI Strategy
Outlines how AI will be integrated into various aspects your operations, innovation, decision-making processes

AI-enabled Solution
Viability of AI solution and ensuring it can deliver ROI

AI Roadmap aligned to business goals
Gen AI framework + roadmap to enable adoption

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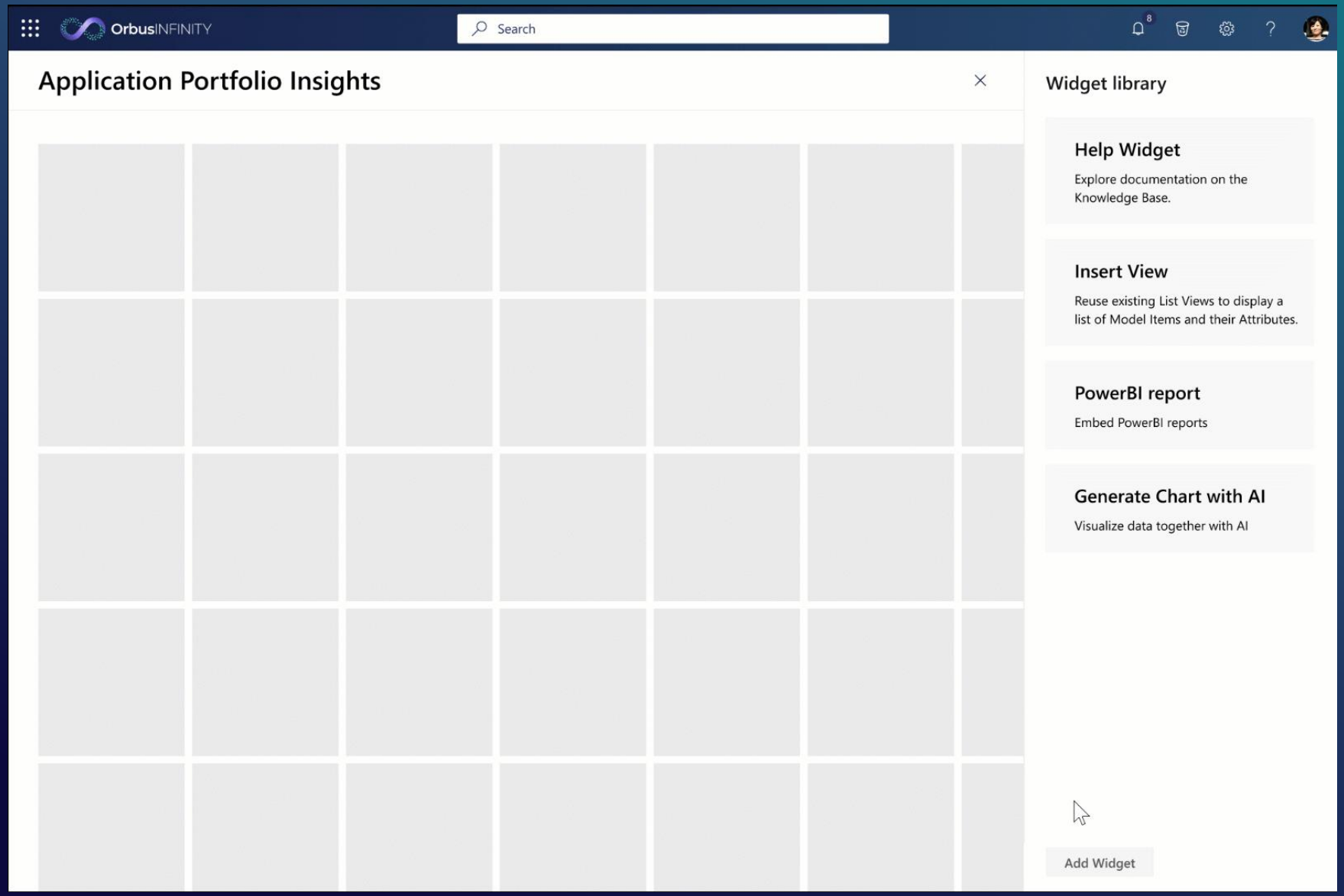
OrbusInfinity Dashboards – Create a CIO Dashboard quickly

How long would it take you today to create and share a CIO dashboard? Two days? What if you could shorten that to a few minutes?

Design Concept for **AI chart widgets,** AI-powered Dashboards.

Dash uses AI for the translation of business questions into queries, and for the chart code-generation.

Initial launch with preset questions (no OpenAI cost), later support for user-defined prompts (cost per query), with metered GPT usage.



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AI: Visual Answers to Business Questions

BUSINESS QUESTION

- Show all applications due to be retired in the next 6 months
- Show the number of applications by 'Status'
- What are the 10 highest cost applications?
- What is the total cost of the application portfolio by business area?
- What is the application roadmap for 2024?
- Which business capabilities are at risk due to legacy technology?

LLM

Convert NLP to model query

MODEL QUERY

BUSINESS CAPABILITY

IS REALIZED BY

APPLICATION

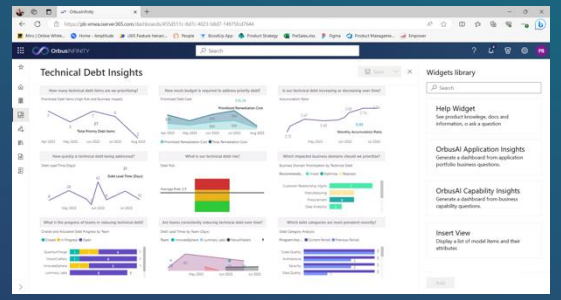
- Business Owner
- Lifecycle Status
- Vendor
- Cost
- Deployment Status
- Business Purpose
- Live Date
- Retirement Date
- EOL Date
- ..x100

LLM

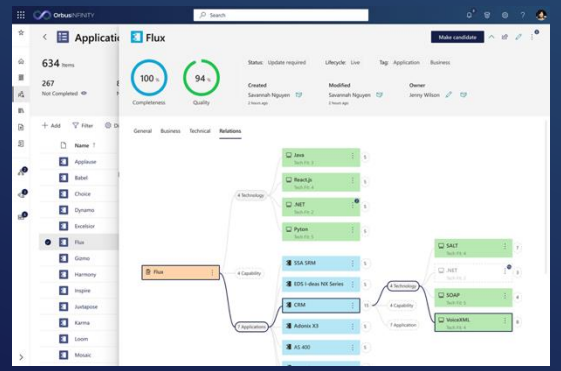
Code-generation for charts

LLM

DASHBOARDS



DIAGRAMS



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Questions?

Answered.

Let’s chat!

Kurt Wysock
Kurt.Wysock@rcggs.com

Schedule a meeting

Brenda Cowie
brenda.cowie@orbussoftware.com

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