Single Use Case
or Holistic Approach

MAJOR OIL AND GAS COMPANY, DOWNSTREAM | CASE STUDY

One of the largest international oil and gas companies, carried out a comparison against two of their assets that have implemented ZynQ.

The first utilising ZynQ for annual turnarounds only (single use case) and the second adopting a holistic approach with an entire site capture, unlimited users with multiple use cases across a vast range of site disciplines (holistic use case).

There were clear savings at both refineries but the second refinery demonstrated a quicker and greater ROI due to adopting ZynQ site-wide across all departments and disciplines.

Refinery #1:
Single use case

ANNUAL TURNAROUND PLANNING

SITE FAMILIARISATION

MANAGEMENT OF CHANGE

REMOTE SITE VISUALISATION

STAKEHOLDER COLLABORATION

TURNAROUNDS

INSPECTIONS & PLANNING

Refinery #2:
Holistic approach

REMOTE ENGINEERING

MAINTENANCE MANAGEMENT
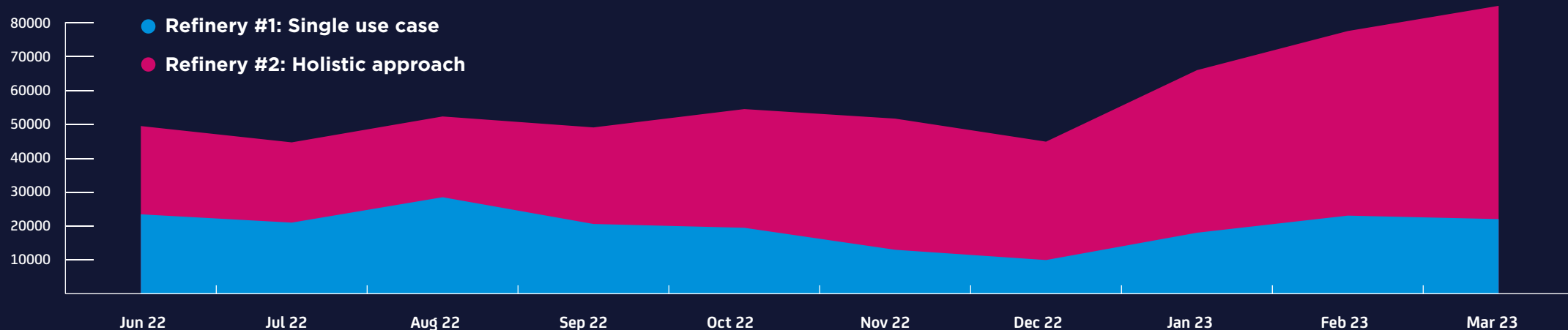
Single Use Case or Holistic Approach

Refinery #1:
Single use case

$1.6M
yearly savings

Refinery #2:
Holistic approach

$4.9M
yearly savings

ZynQ usage stats comparison *(usage and savings are based on assets of a comparable size)*

● **Refinery #1: Single use case**
● **Refinery #2: Holistic approach**

| | Jun 22 | Jul 22 | Aug 22 | Sep 22 | Oct 22 | Nov 22 | Dec 22 | Jan 23 | Feb 23 | Mar 23 |

Walk before you can run

Your visualisation journey is a scalable process.

Giving asset visualisation access to all stakeholders is the first key step in the journey. This could be an existing point cloud, photography, or new data capture.

ZynQ 360 provides an end-to-end solution that can grow with your team at a pace that fits with your organisation's digital strategy.

With a consultative approach, we grow and flex the project allowing you to grow your digital ecosystem sustainably.

FLY

Automation

Real-time insights

Augmented reality

New technology

AI and ML

RUN

Holistic approach

Advanced API integrations

Development of software features

Enterprise adoption

WALK

Geo-spatial framework

Empower users

Basic integration

More use cases

Sustainability

CRAWL

Data capture and visualisation

Deliver priority use cases

Collaboration and accessibility

Both approaches bring value and deliver cost savings

	Single Use Case	Holistic Approach
Users	500+ (10%+ editors)	1000+ (95%+ editors)
Third-party companies	< 10	> 20
Sustainability model	X	✓
Site expert	X (Ad-hoc meetings)	✓ (Bi-weekly meetings)
Geo-spatial alignment	X (Arbitrary)	✓ (Site co-ordinates aligned to required co-ordinate system)
Equipment Tagging	Minimal (not geo-tagged)	✓ (Geo-tagged)
Integrations	X	✓
Use Cases	Single (turnaround projects)	Multiple (Specialised tools developed)
Training	Minimal (induction only)	Implemented (ongoing)
Capture	Partial (project approach)	Full site (right tool for the job approach)

ZynQ360

Innovative Digital Solutions
to Visualise your Asset

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