

# EY Elementary

A platform for intelligent asset management

Your digital world. Realized.



Asset-intensive businesses face disruptions from changing business models and cost pressures.

Key challenges:

- ▶ Poor insights due to incomplete data and lack of access to asset information
- ▶ No visibility over portfolio maintenance spend or budgeting
- ▶ Lack of traceability over asset tracking and ownership
- ▶ Inadequate scenario modeling due to use of outdated spreadsheets, disparate systems and manually prepared reports
- ▶ Delayed decision-making as asset data is not centralized and stored in multiple platforms and formats
- ▶ Limited collaboration due to lack of oversight into property assets and their utilization across the organization
- ▶ Absence of any framework for comprehensive and real-time reporting of asset portfolio

## Strategically assess asset performance and anticipate future requirements

EY Elementary is an end-to-end asset management solution which helps asset owners and operators to strategically assess asset performance and anticipate future requirements. The asset management solution reduces maintenance costs and improves asset utilization by offering rich insights to help optimize and prioritize maintenance activities. EY Elementary also offers a consolidated 360-degree view of assets to different stakeholders across the asset landscape – allowing them to seamlessly harness, strategize, optimize, share asset data and improve decision making.

## Transition business from Asset Management to Asset “Intelligence”

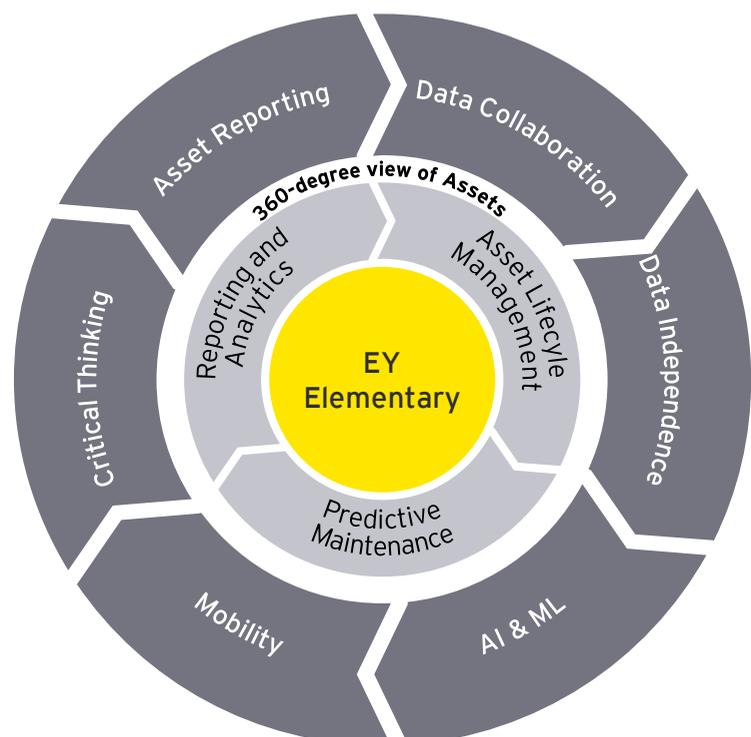
The EY Elementary solution leverages the full power of the Microsoft Azure platform to streamline the process towards managing property, plant and equipment, across the asset landscape and life cycle.

The EY-Microsoft alliance helps asset-intensive businesses improve efficiency and utilization by providing asset managers and operators with a complete asset intelligence solution, which can be used for assigning work orders, scheduling maintenance to tracking asset data, observing asset trends and more.

## Benefits of EY Elementary

- ▶ Increases longevity of your equipment and assets through better tracking and recording of assets throughout the asset life cycle
- ▶ Reduces maintenance costs and improves asset utilization and efficiency by setting service schedules and reminders
- ▶ Generates customized dashboards to visualize and better understand your asset data
- ▶ Provides effective customer service processes and profitability by helping reduce equipment downtime and ensuring on-time delivery
- ▶ Improves decision making with a 360-degree view of consolidated asset data
- ▶ Offers instant access to real-time reports for asset maintenance, inspection and safety requirements
- ▶ Deploys seamlessly across multiple devices and platforms
- ▶ Incorporates geospatial features to help service geographically distributed assets
- ▶ Supports mobile asset management across the entire life cycle of your physical assets

## Streamlined process for managing your assets



# Customer success story

A law enforcement agency in New South Wales, Australia was facing challenges in maintaining and managing its asset portfolio as a majority of them were aged, concentrated in rural locations and spread across disparate data sources. The agency engaged EY teams to help implement EY Elementary, a digital asset platform built using the latest technologies from Microsoft and Microsoft Azure. The robust data environment was used to streamline property portfolio and asset management planning and reporting, and improve asset oversight and efficiency across the asset landscape and portfolio.

## Challenges

- ▶ Aging property holdings and outdated IT infrastructure negatively impacted the client's property management capabilities
- ▶ Portfolio management policies were largely reactionary with a need for a more focussed decision-making process
- ▶ Limited access to data created inefficiencies and limited the ability of property management team to budget and plan long-term capital activities

## Benefits

- ▶ Streamlining business practices with up-to-date asset data – from historical to real-time
- ▶ Improving decision making through automated asset reporting
- ▶ Gathering better asset insights through a collaborative strategic property analytics environment
- ▶ Enhancing asset visibility using property portfolio and asset management planning
- ▶ Offering strategic connectivity for data independence
- ▶ Supporting scalability across all asset analytics and reporting environment

## EY and Microsoft

The digital technologies that are impacting your business today – social, mobile, analytics and cloud – are rapidly expanding to create new employee and customer experiences, fundamentally changing how your organization works, interacts and competes. The EY and Microsoft alliance combines EY deep insights and experience in disruptive industry trends, new business models and evolving processes with Microsoft scalable, enterprise cloud platform and digital technologies. EY and Microsoft can help accelerate digital transformation with advanced solutions that support enterprise strategy, transform customer and workforce experiences, create new, data-driven business models, build intelligent, automated operations and bring confidence that these innovative solutions are secure, compliant and trusted. Together, we can help accelerate digital strategy and amplify your business performance to thrive in a digital world.

For more information, visit: [ey.com/Microsoft](https://ey.com/Microsoft).

## Contact information

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## EY | Building a better working world

EY exists to build a better working world, helping to create long-term value for clients, people and society and build trust in the capital markets.

Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform and operate.

Working across assurance, consulting, law, strategy, tax and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

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EYG no. 002149-21Gbl.

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