VERSION 1
Predictive Maintenance

Predictive Maintenance Enables:

- **Early identification** of future faults and failures.
- **Advanced scheduling** of resources and repairs.
- **Optimised productivity** and maximum output.
- **Maximised return** while reducing overall costs.

Increase productivity
25%

Reduce costs
30%

Reduce downtime
45%

- **Reduced costs** by more than $2 million for every 0.1% improvement in production eficiency.

Predictive Maintenance has enabled **automobile manufacturers** to experience:

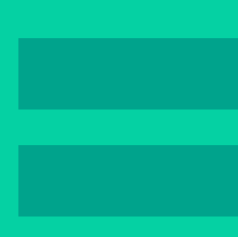| **80%** reduction in scrap in 10 weeks | **50%** reduction in defects in 12 weeks | **30%** of defect causal factors identified within first 2 days | **2%** first time quality projected improvement, saving **$900K** per paint shop per year |

Reduced warranties by 5% + **Reduced repeat repairs by 50%** = **Annual savings of $30 million**

Key Benefits

> Decreases Costs and Maximises Revenues

> Avoids unnecessary work and safety issues

> Avoids downtime and unnecessary equipment failures

> Enables optimal resource planning

> Optimises planned outages to maximise production schedules

> Helps satisfy regulations

> Helps identify faulty equipment when it is still under warranty

Powered by **IBM** software

" The ability to predict where failures are most likely to occur ultimately leads to fewer outages, less emergency maintenance work, and greater total production ensuring a safe, cient and reliable supply of electricity to the National Grid while keeping our costs as low as possible."

- Neil Douglas, Head of IT, Infinis