

# Infrastructure decisions to support corporate objectives

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# Unlocking Potential

- **A top UK landlord** as recommended by residents
- **8 out of 10** residents find it easy to get the help they need
- **70%** residents online
- **30%** Operating Margin
- **2020** new homes programme
- **9 out of 10** staff say we make a positive difference
- **8 out of 10** staff to say they have the tools to deliver a great service

# The Themes

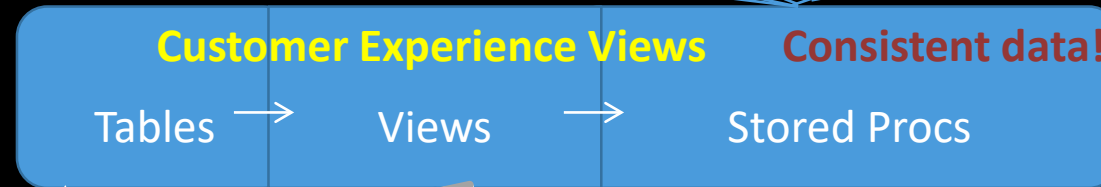
- 1. Empowering staff to do a brilliant job**
- 2. Maximise our online offer**
- 3. End-to-End process automation**
- 4. Innovation**
- 5. Supporting the Digital Enterprise**

# Application Strategy

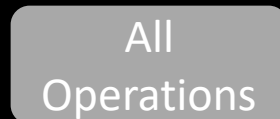
## Presentation Applications



## Single Views Stored Procedures



## Data Warehouse



## Staging & Replica Databases



## Core & Expert Systems



# 8/10

Staff say they have  
the right tools for  
a great service





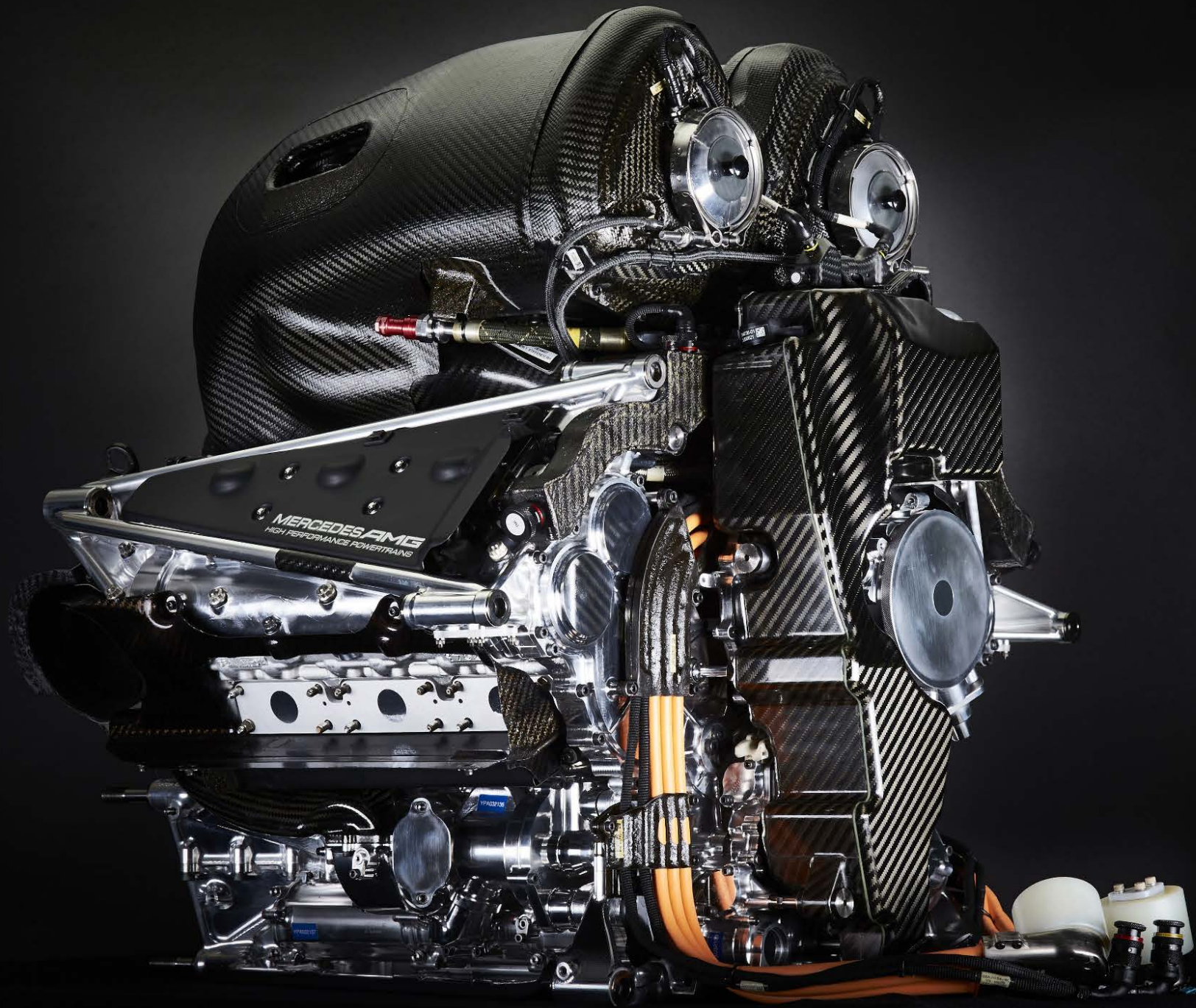
















**To cloud, or not to cloud--  
that is the question**

**Or is it?...**

# The process

- **Tender Infrastructure solution**
  - **Open to interpretation**
  - **Any solution looked at** (on-premise, cloud, hybrid, highly converged)
    - Flexibility
    - Value for money
    - Scalability
    - High resilience
    - High availability
    - Easily supportable and maintainable
    - Increased DR capacity
    - Improved performance



# The results

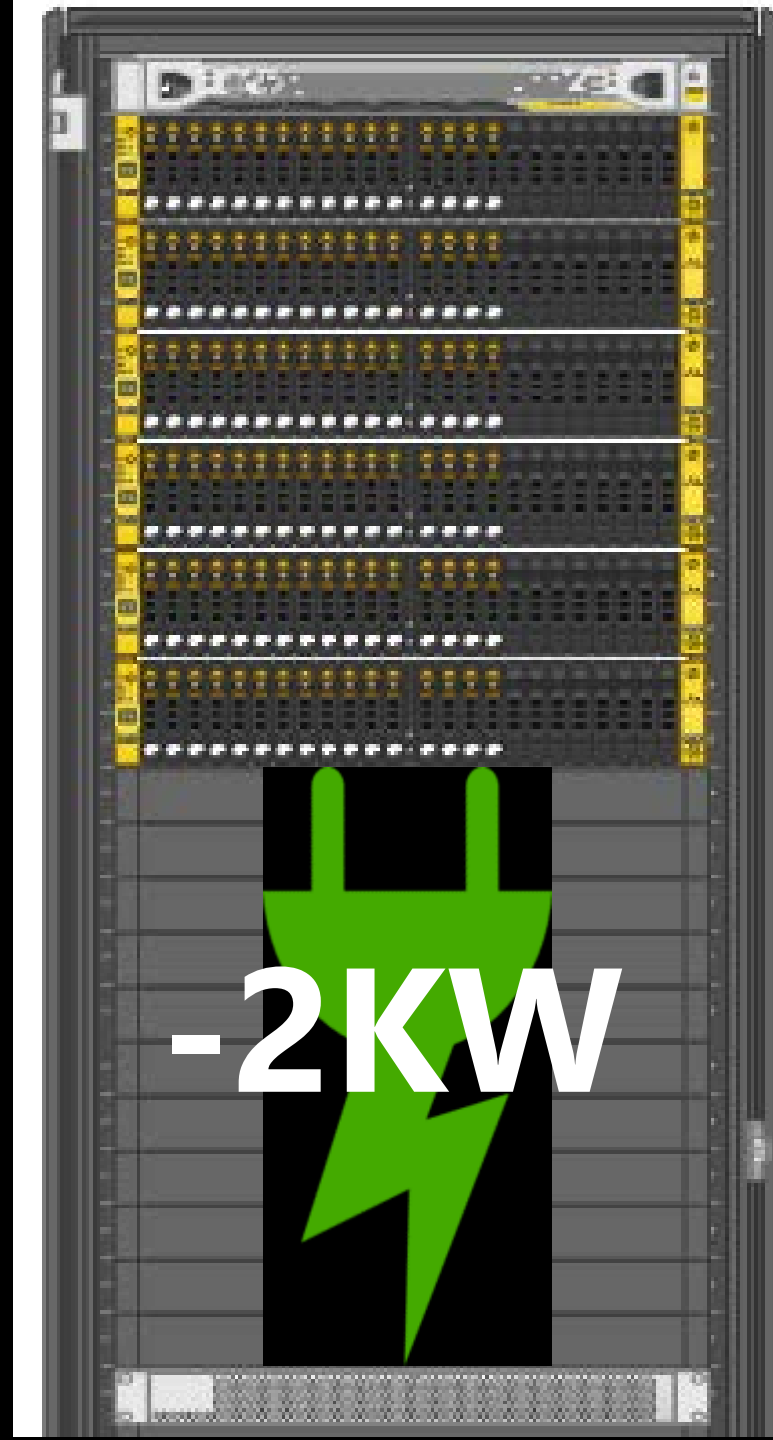
- **Tender responses included variety of options**
- **Cost only 50% of evaluation criteria**
  - **Capex vs Opex**
  - **CPU, RAM and Storage**
  - **Staff?**
  - **Hidden costs**
- **Remain on-premise**



Traditional Disks	Hybrid
35 Terabytes	90 Terabytes
400 IOPs	115,000 IOPs



3 month tender  
6 week project  
Zero downtime



2 enclosures to 1

18 physical servers  
to 14

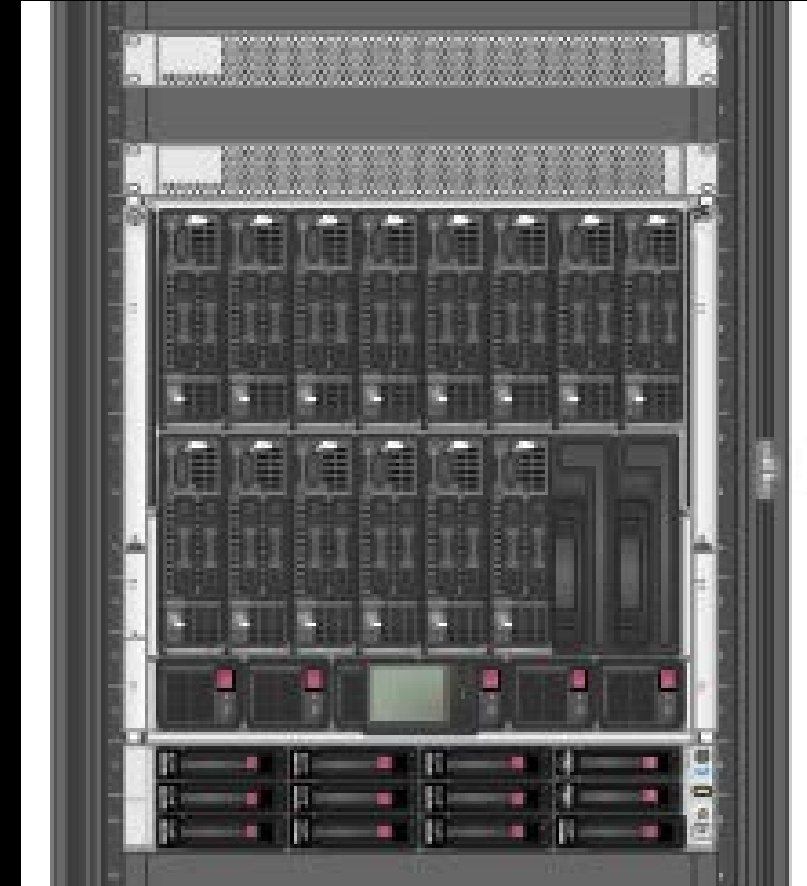
27KW to 13.5KW



1,728GB Memory  
to 3,584GB

Server startup from 10  
minutes to 1 minute

Zero downtime







44 | LEWIS HAMILTON 



06 | NICO ROSBERG 



# Summary

- **Start with the Business**
- **What's your application strategy?**
- **What are your priorities?**
- **Open your horizons**
  
- **Do what works for you!**





# Any Questions?

**Martin Crouch**

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