1851
America’s Cup
The oldest trophy in international sport
300 Sensors

3,000 Variables running 10 times per second

1 GB Raw data every sailing day
Customized Feed of Information

- **Sail Tension**: 71° ~183kg
- **Hull Stability**: 527 kg/m
- **Mast Strain**: 40 Knots
- **Wind Speed**: 40 Knots
Improving Boat Design

Strength

Stability
New Technologies | New Possibilities
ORACLE TEAM USA
34th America’s Cup
NAVIGATING TO WIN
Machine to Machine

New Technologies | New Possibilities
M2M | Open a World of Possibilities

Prevent Disasters  Identify Criminals  Stop Deforestation
The Internet of Things
The Internet of Things
Big Data
The Internet of Things
The Electricity of Our Age
Managing Complexity

By 2020 50 Billion Devices will Create an Endless Amount of Data

The Right Data at the Right Time
Acquire and Manage
A Standards-based, Scalable and Secure Device Platform
Integrate and Secure
Reduce Cost and Complexity and Protect Your Investment
Analyze and Act
Extract Business Value and Take Action
Engineered to Work Together
Vacation Mode
Active Monitoring

Safety & Security

Sensor Alerts

Energy Savings
During the Night
Historical Data
Disabled Security for each entry
No Damage
Pets Safe
Vacation Mode Reset
Internet of Things
What If?
Internet of Things Platform

- IoT Solutions
- Analytics & Event Processing
- Devices & Gateways
- Security & Management
- Engineered Systems
- Cloud Services

Applications
Middleware
Database
Operating System
Virtual Machine
Networking
Servers
Storage
Challenges for Your Business

- Secure, reliable, proven platform
- Remote update and management
- Cross-platform solution leverage
- High speed data capture, management and storage
- Extend decision making closer to the data source
Oracle’s Solution

- Standards-based Java platform optimized for devices
- Java embedded for any device, any market
- Event processing for faster action/real-time decision making
- Enables remote updates and cross-platform support
- High performance data management
- Rich middleware platform compatible with IT

Acquire and Manage
Acquire and Manage

Analyze and Act

Integrate and Secure

Internet of Things Platform
Challenges for Your Business

- Secure communication and data protection
- Reliable access controls and logging for compliance
- Consistent security model
- Scalable platforms for any data type
- Business application integration
Oracle’s Solution

- Proven device security
- Comprehensive Identity management system
- Data masking, fraud detection, built-in network security and encryption
- Security throughout the information lifecycle
- High-performance data transactions
- Supports cloud or on premise models

Integrate and Secure
Acquire and Manage

Integrate and Secure

Analyze and Act

Internet of Things Platform
Challenges for Your Business

- Analyze data in real-time
- Compare and contrast historical data
- Consistent data visualization across devices
- Applications for industry-specific data and scenarios
- Consistent security and management controls
- Industry-relevant data collection, management, and processing

Analyze and Act
Oracle’s Solution

- Real-time data discovery and analytics
- Complex event processing
- Cross-platform visualization
- Broad variety of industry applications

Analyze and Act
Powered by the Internet of Things

- Automotive
- Professional Services
- High Tech
- Industrial Manufacturing
- Smart Utilities
- Public Sector
- Oil and Gas
Internet of Things Platform

IoT Solutions
Analytics & Event Processing
Devices & Gateways
Security & Management
Engineered Systems
Cloud Services
Applications
Middleware
Database
Operating System
Virtual Machine
Networking
Servers
Storage
Internet of Things Platform

Oracle®

Applications
Middleware
Database
Operating System
Virtual Machine
Networking
Servers
Storage

IoT Solutions
Analitics & Event Processing
Devices & Gateways
High Performing
Security & Management
Integrated
Scalable
Supported
Reliable
Engineered Systems
Scalable
Supported
Oracle’s Internet of Things Platform
Powered by the Internet of Things

What's Your Destination?