#### Leveraging Technology

### **Environmental Management for the Real Estate Sector**

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#### Challenges of Implementing Technology



#### **Change = Uncertainty**

- √" I don't want to Change!"
- √" I don't know how to use those gadgets!"
- √" Today's technology is obsolete tomorrow!"
- ✓" Are the extra costs worth it!"
- √" If it ain't broke, don't fix it!"



# **Uncertainty** as Jim Collins says ....

"Good is the enemy of great!"



#### **Overcoming Uncertainty**

Vital actions for change management

- ✓ Desire to improve
- ✓ Research & Understanding
- ✓ Communication
- ✓ Involvement
- Accountability



#### What's in it for ME?



#### What's in it for ME?

# Benefits of leveraging technology in property ownership and management

- Efficiency
- ✓ Centralization
- Standardization



# Leveraging Technology for Standardization

## Portfolio Data Collection and Entry



#### **Efficiency**

#### First Thoughts...

- **✓** Higher Profit Margins
- ✓Increased Productivity

#### **But What About:**

- **✓** Higher Quality Product
- **✓** Lower Storage Needs
- ✓ Less 'Reactive" More 'Proactive'

#### **Brakes on Efficiency**

✓ Requires Change

and sometimes...

- **✓** Requires Up-front Costs
- **✓** Requires New Skill Sets



#### **Efficiency Drivers**

**✓** Solves Problem

**✓** Decreases Risk

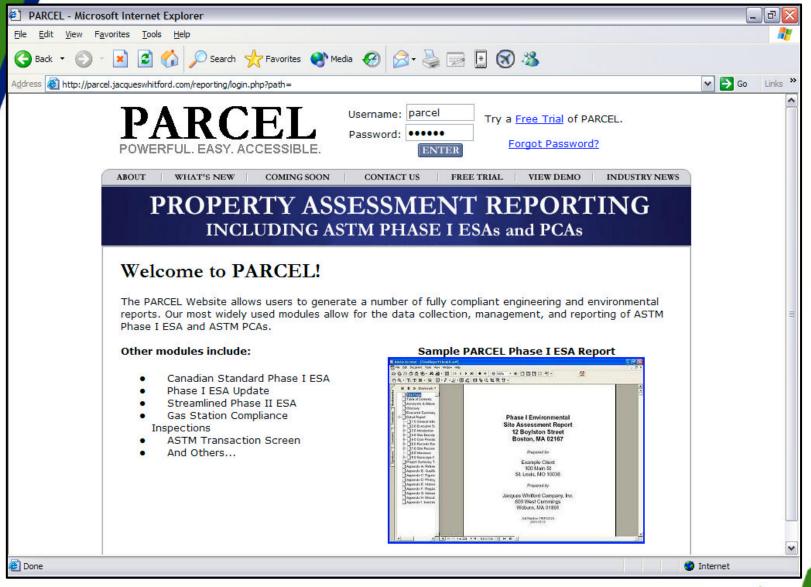
**✓**Increases profits



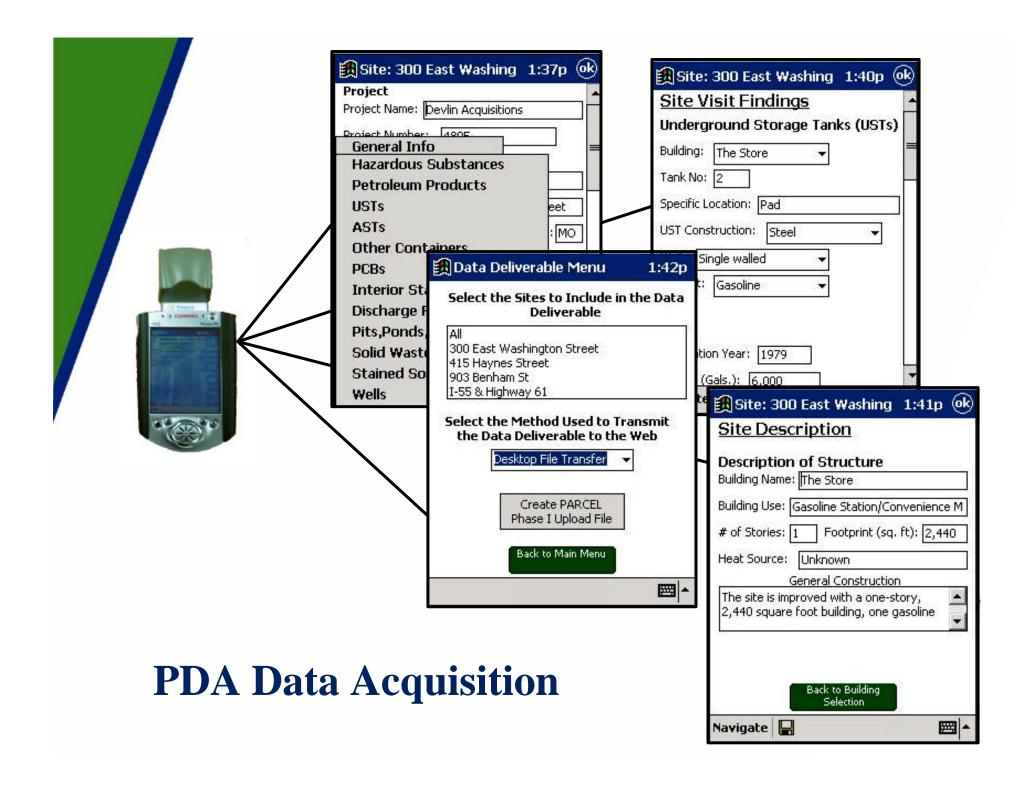
#### The Acquisition

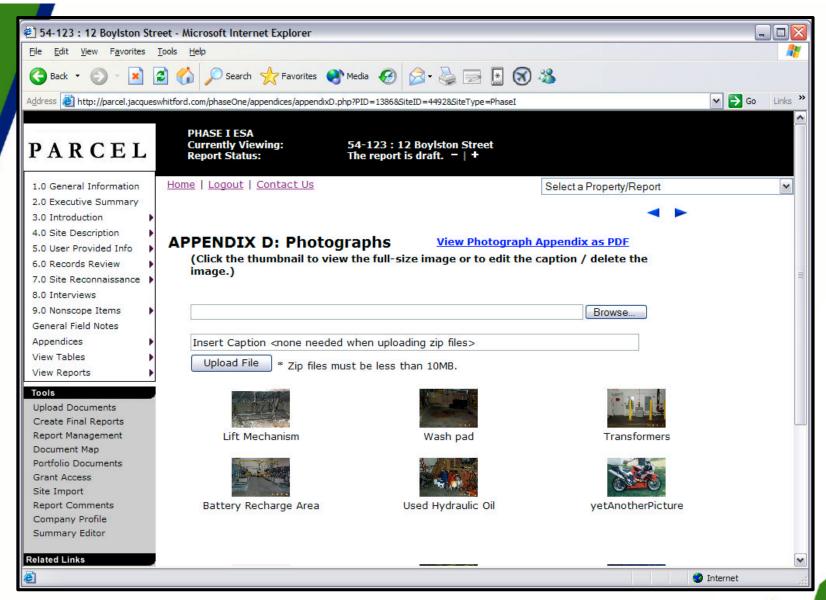
How can Technology help Expedite the Phase I Environmental Site Assessment Process during the Due Diligence period?





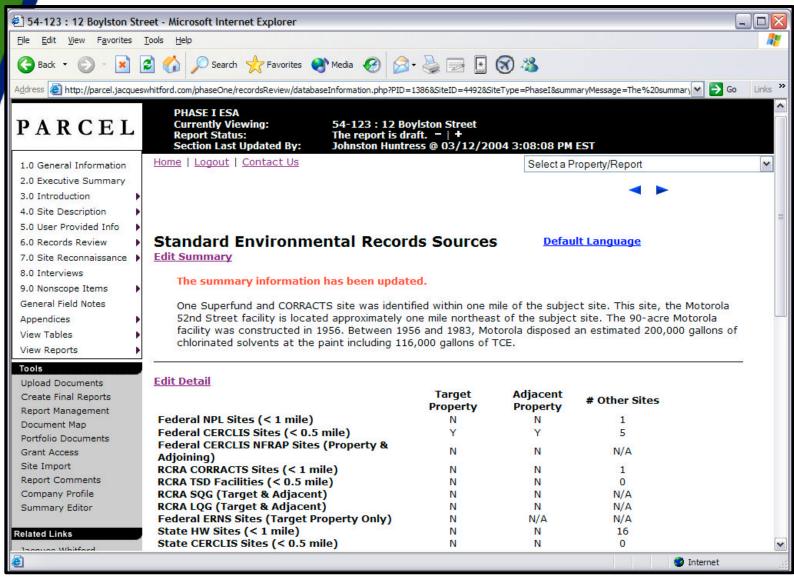






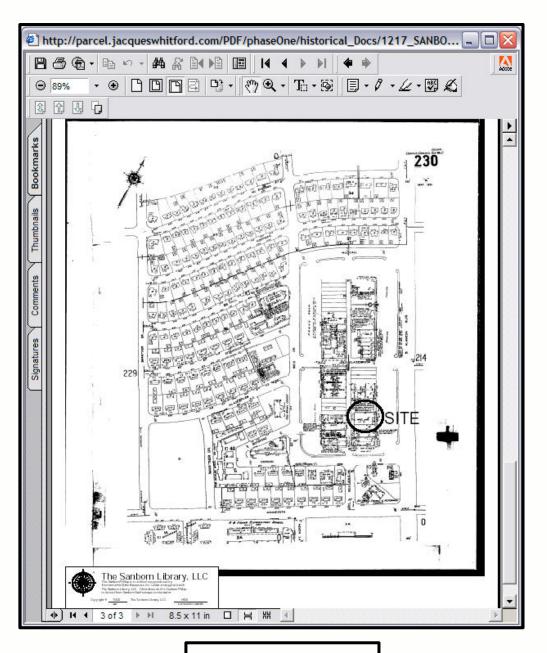
#### **Site Photographs**





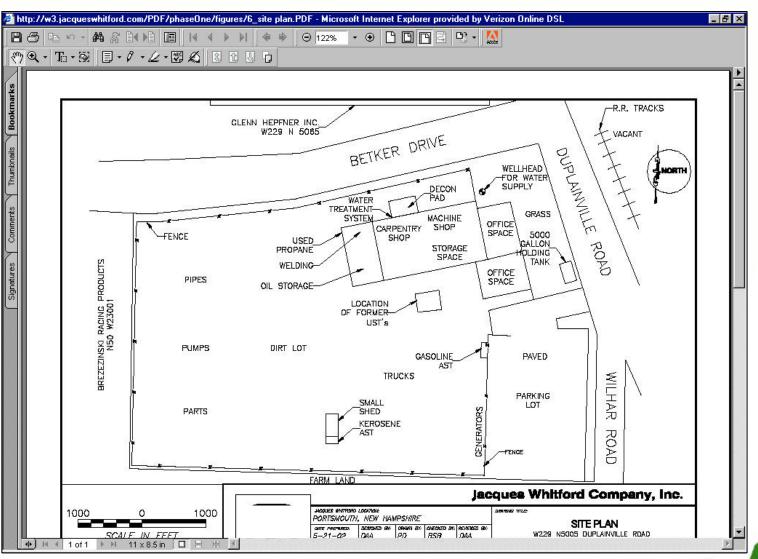
#### Web based data entry





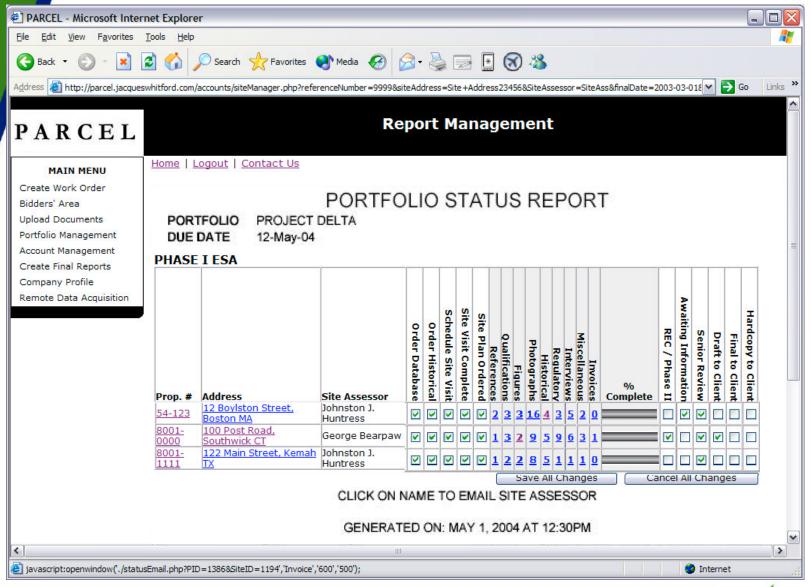
SANBORNS



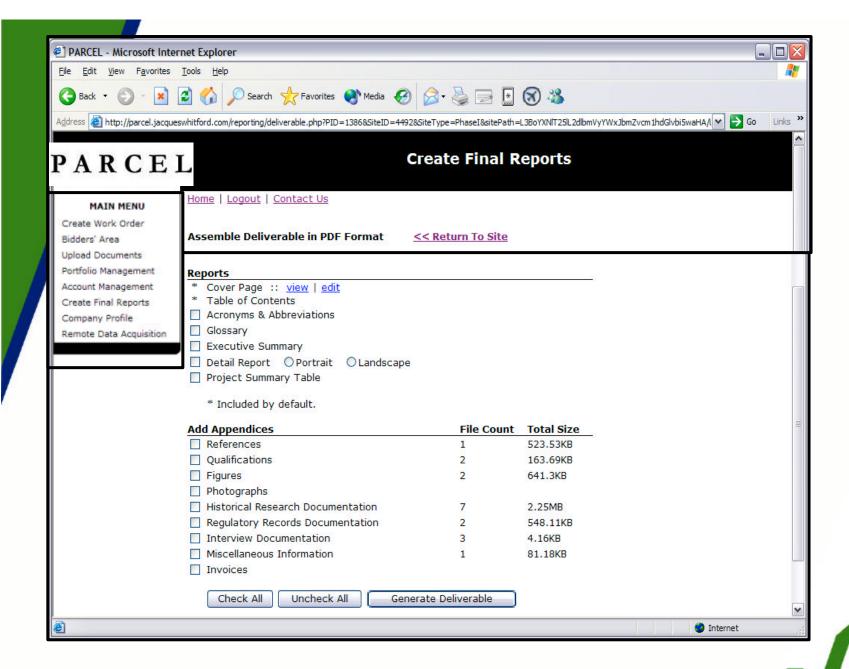


#### SITE PLANS

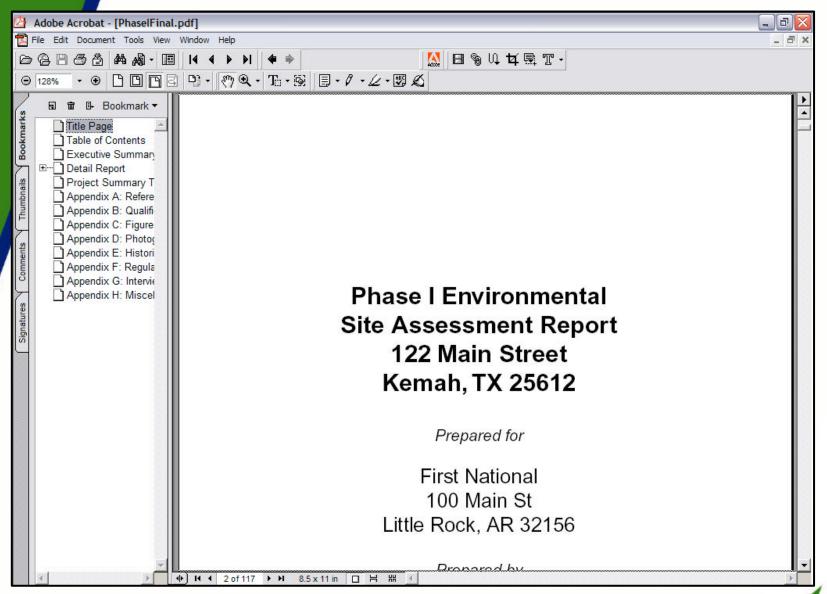








**Two-click Final Report Generation** 



#### **Phase I ESA**



#### Leveraging Technology for Environmental Management in the Real Estate Sector

# **Environmental Management in the 21st Century**

**Summit REIT Portfolio** 



#### Who's Doing it Now!

- **✓** REITs
- **✓** Pension Funds
- **✓ Lending Companies**
- ✓ Banks
- **✓** Property Managers
- **✓** Owners



#### How are they doing it?

- **✓** Paper Based Systems
- ✓Intranet Based Systems
- **✓Internet Based Systems**



# **Jutstanding Issues**

# What Environmental Information needs to be Managed?

- √ Phase I and II ESAs
- ✓ Remediation Reports
- **✓** Environmental Audit Reports
- **✓** Tenant Audit Reports



#### The Challenge!

#### **Environmental Management**

✓ Usually seen as a necessary evil

#### The Challenge of Daily Operations

✓ Too busy to take care of environmental stuff



#### **The Summit REIT Solution**

- ✓ Easy to use
- **√**Quick
- ✓ No reporting duplication
- ✓One step issue resolution and reporting
- ✓ Centralization of data
- ✓ Portfolio roll-up
- Customized external reporting



#### **The Solution**

Secure Centralized Data Management and Reporting

- ✓ Property Managers
- √ Financial Institutions
- **✓** Environmental Insurance
- ✓ Lawyers
- **✓Investors**



Ability to transpose environmental issues identified during due diligence immediately to property managers to deal with



PMs resolve issues and record resolution once.

Information immediately transferred to centralized reporting for immediate access by owner.

Owner can instantaneously

- √ access documents
- √ track resolutions
- √ roll up information for portfolio
- ✓ prioritize budgeting for remediation work
- ✓ use rating system consistent with industry

- ✓ pre-screen new tenants
- **√**tenant exit inspections
- √ scheduled environmental inspections
- √ centralize information collection



#### System Enablers

- ✓ pdf files for digital storage
- √ communication via internet
- ✓ protected web site
- √ different levels of access



#### The Result

- √ bang for time buck
- √ management of environmental issues
- ✓ more time to focus on core business
- ✓ cost savings in refinancing, selling and environmental insurance
- √ tangible environmental stewardship

#### **Thank You**

**Questions?** 

