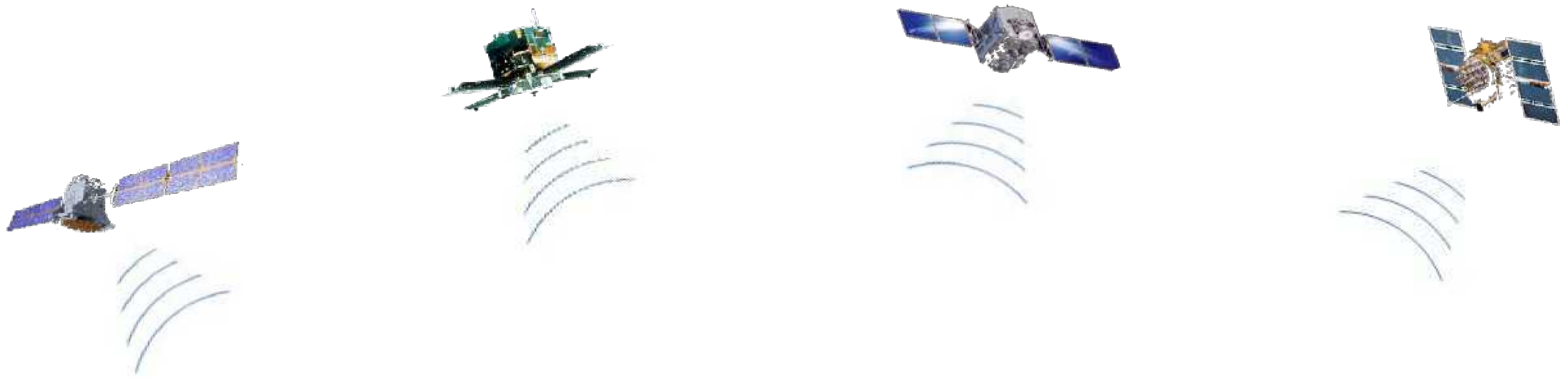
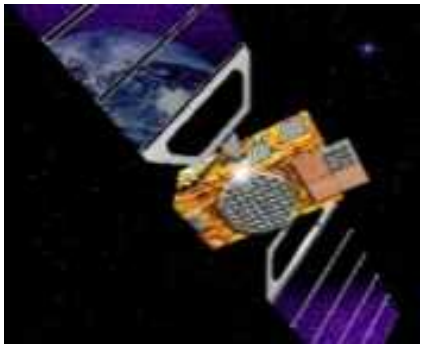


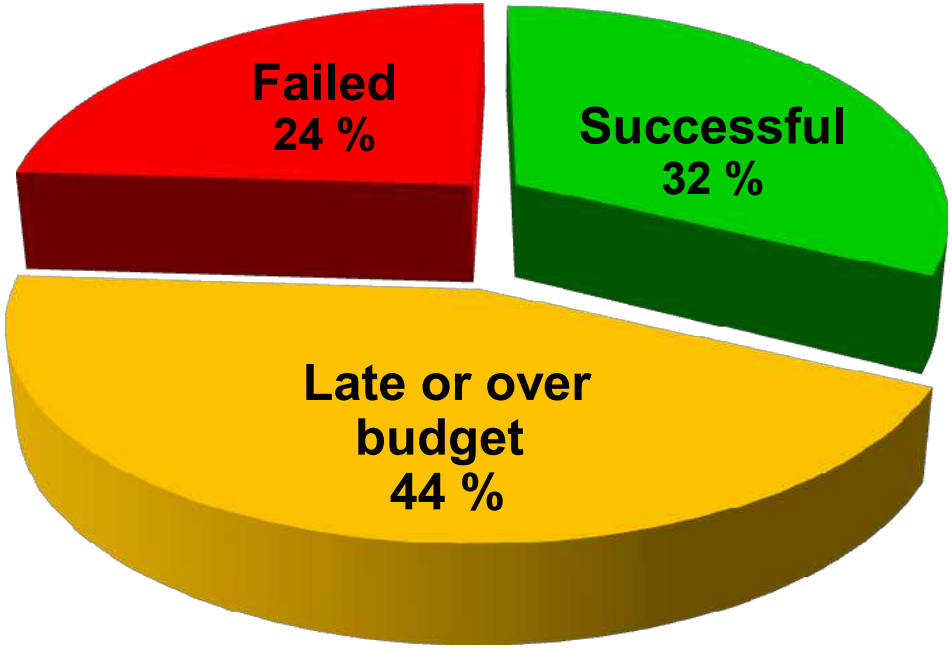
DataDrill Express

GPS for Projects®

28.09.2011

Stakes





Source : *Standish Group Chaos report 2009*

Delays are discovered a few days before delivery

⇒ *Wrong estimates*

⇒ *No reliable progress measurement*

Stakes

- Companies meet difficulties mastering their projects :
  - Wrong estimates
  - Unused indicators
  - No project history
- A lot of Excel, no time to pilot
- No global view of the project portfolio

Projects

GPS for Projects

Requirements

Planning

Defects

Test

GPS for Projects®

Automatically estimate and measure project progress

Position
Arrival date
Speed
Log book
Alerts

GPS for Projects ®

- Skipper
  - Position
  - Arrival date
  - Speed
  - Log book

- Admiralty
  - Global view of the Fleet
  - Global and individual performance
  - Automation of management rules

- Cartographer
  - Data analysis
  - Estimation and performance models
  - Comparison - benchmarking

Benefits

• Estimation
• Measurement progress
• Lower pressure
Objectify project measures
Reduce cost
• Collect
• Construct
• Publish
• Alert
Best practices
Knowledge Capitalization
• Management Rules
• Indicators
• Process
• Reuse
• Compare
• Analyze

GPS for Projects Benefits

- Decisions based on facts, not feeling
  - Plan and progress measurement
- Reduce management cost
  - Collecte, build, distribute, alerte
- Knowledge Capitalization
  - Reuse, compare, analyse
- Deploy best practices
  - Indicators, management rules, process, change management

Requirements

Planning

Defects

Test

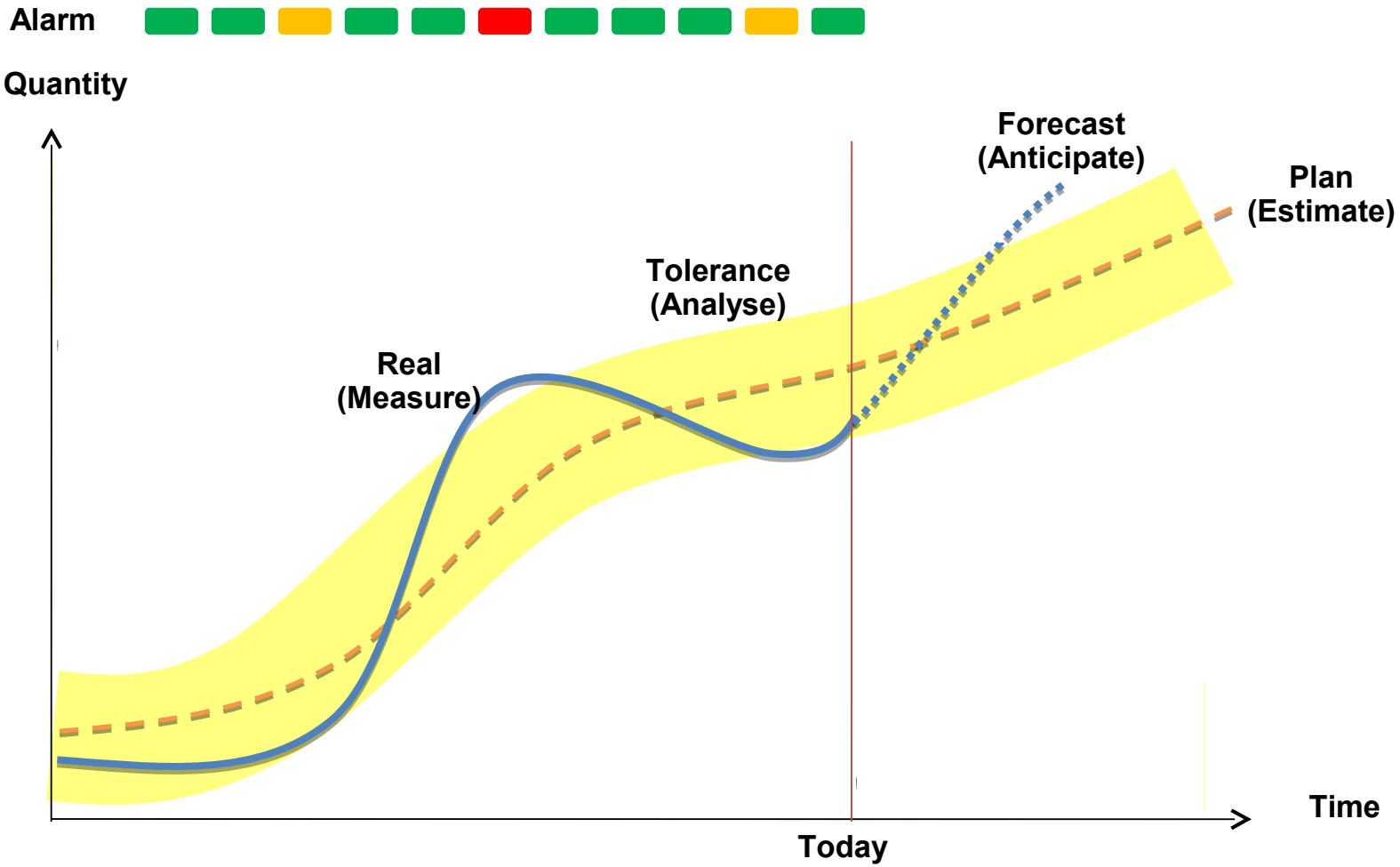
GPS for Projets®

Automatically estimate and measure project progress

GPS for Projects

Position
Release Date
Speed
Log book
Alerts

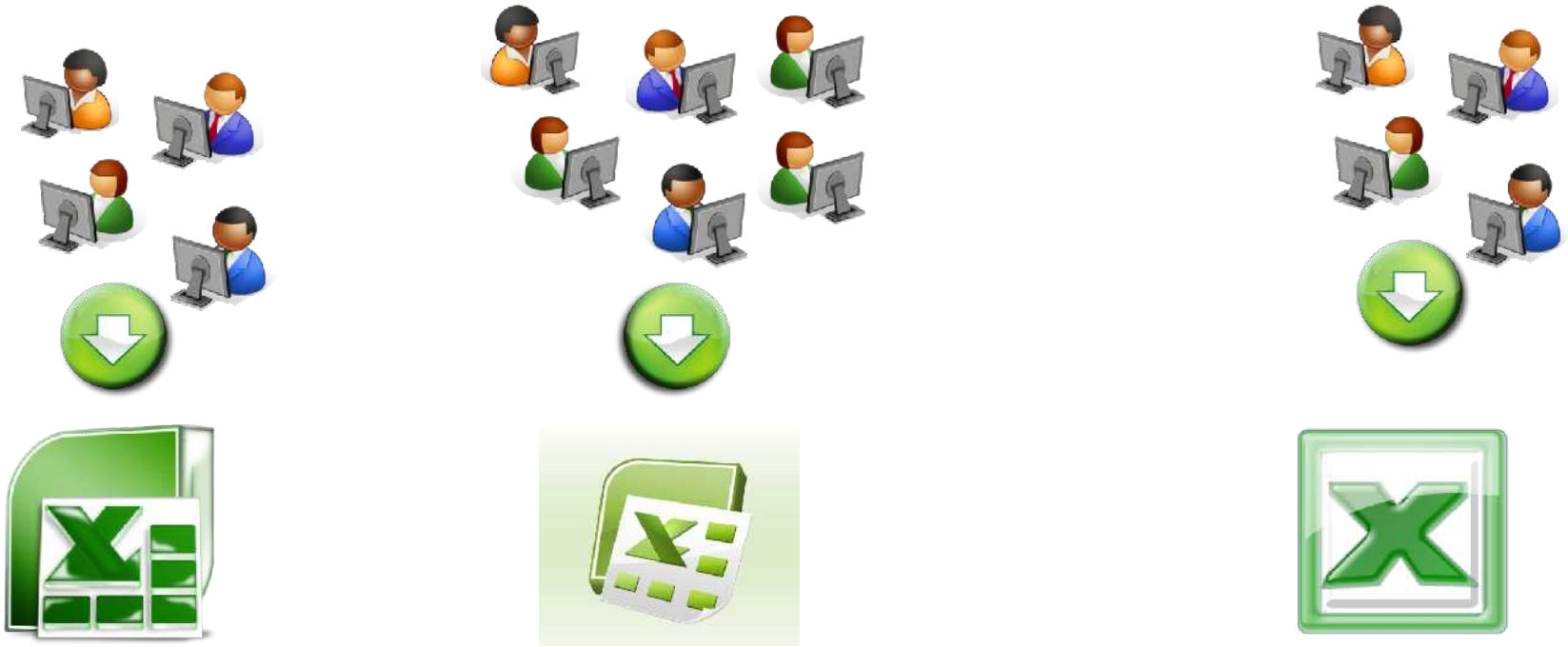
Pilot


Alarm
Quantity
Forecast
(Anticipate)
Plan
(Estimate)
Tolerance
(Analyse)
Real
(Measure)
Time
Today

DataDrill automates …

- The choice of the good indicators
- Estimate, and plan calculation
- Real data collection
- Dash Board construction, distribution, global, individual and transverse view
- Management rules
- Alert mechanism
- Consolidation
- Comparison with past
- Capitalization of knowledge

What we usually see



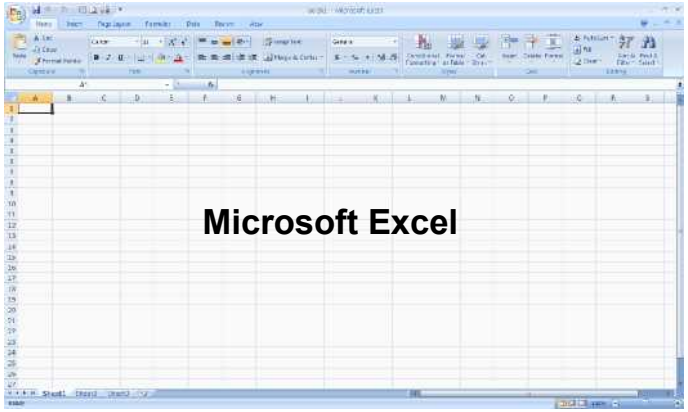
=> High cost for indicators, no capitalization, no agility

Why Not Excel?

No learning curve

Available and easy to use

Macros may help

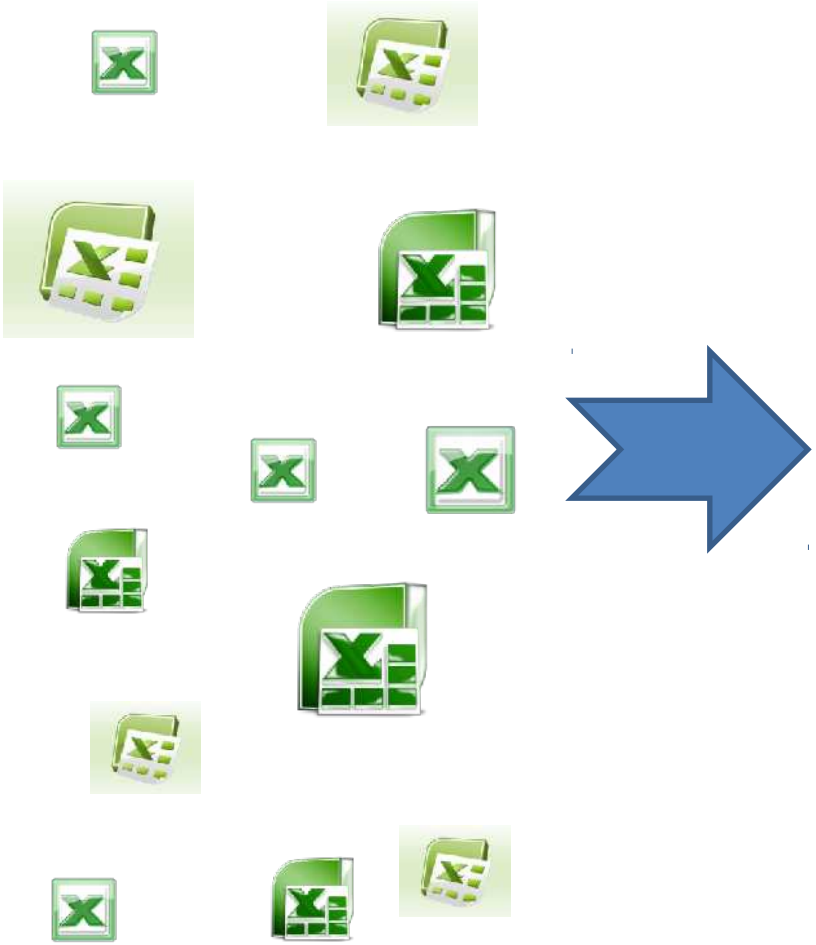


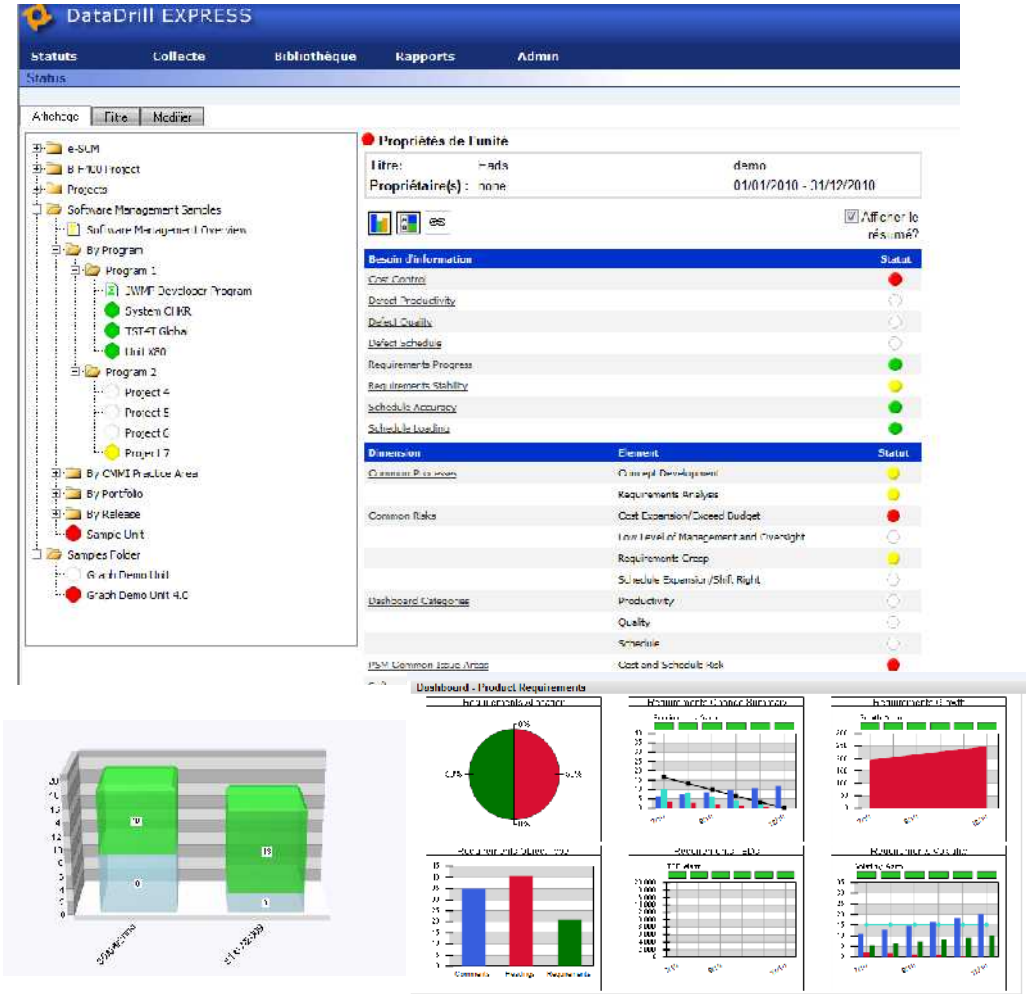
Difficult to access easily

Burdensome data integrations

Hard to support multiple users

GPS for Projects ®

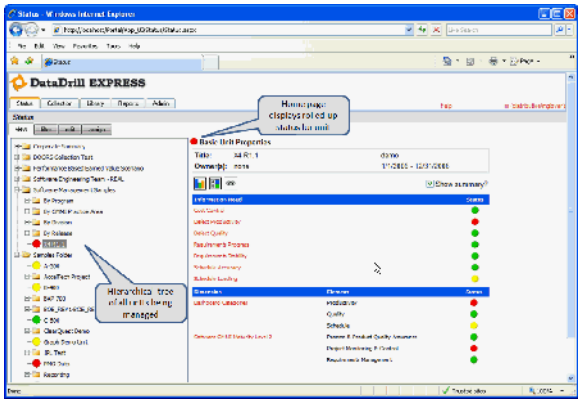




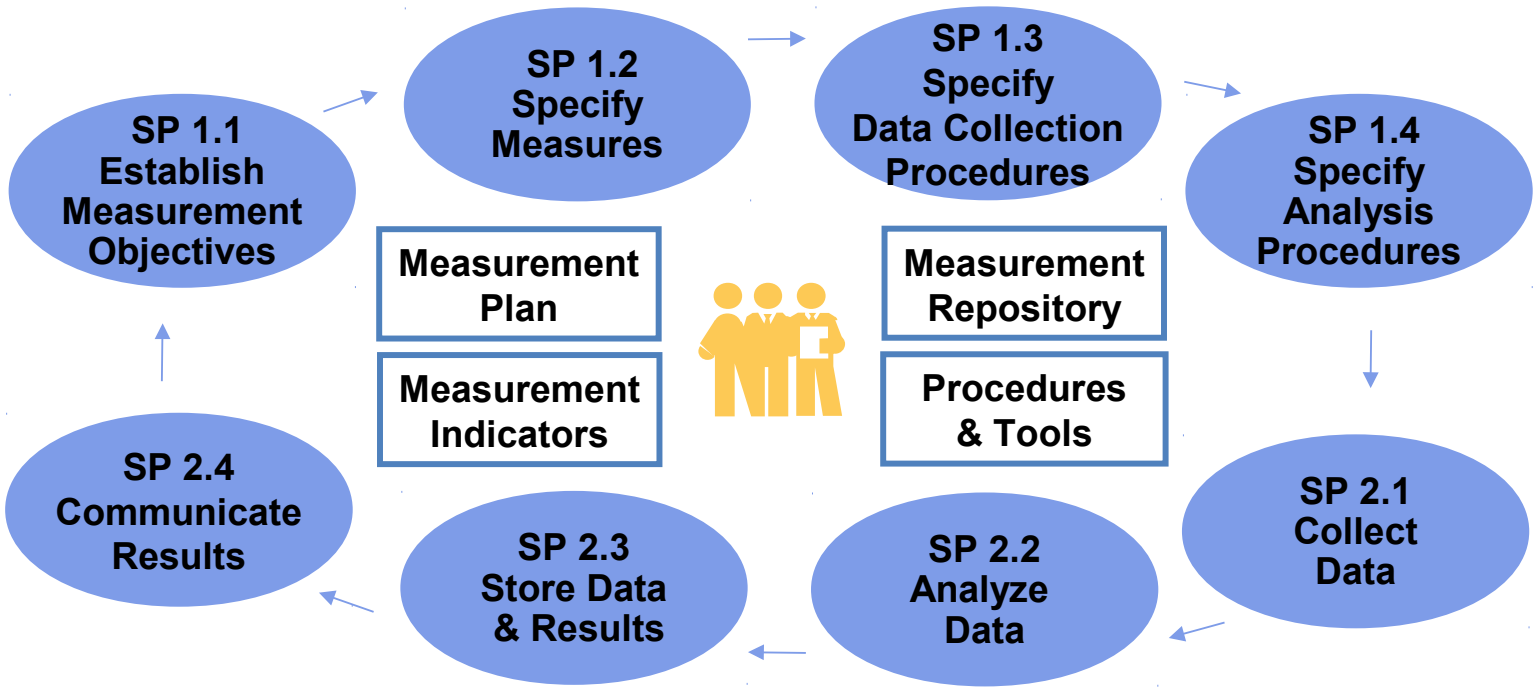
GPS for Projects

Why DataDrill ?

Microsoft Excel	DataDrill EXPRESS
No learning curve	Automated data collection
Available and easy to use	Library of best practices
Macros may help	Information model based on ISO/CMMI
	Efficient deployment



CMMI – Measurement & Analysis



CMMI Measurement & Analysis

To become 100% compliant with
CMMI Measurement & Analysis

you just need
to put DataDrill Express in place

Why M&A program fail ?

- Home made solutions (SQL, Excel or Business Intelligence)
  - Complex
  - Expensive to develop and maintain
  - Designed with a partial knowledge of needs
    - CMMI 2 needs are simple compared to level 3, 4 et 5 needs
  - Lack of agility when changes occur
    - New process, new data source, new management rules, new indicators, new tools, …
    - Cost and delay of implementation are too high

- Consequences: Excel is more and more present, no capitalization, M&A program is not used

DataDrill - Complete Measurement Solution

Process

- Library of Best Practices
- Exchange and Two-way Synchronization
- Project Templates and Sandbox
- Support all activities and tasks defined for CMMI Measurement and Analysis

Manage and Control

- Manage By Exception – Single Version of Truth
- Import Estimates – Review Estimation Assumptions and Targets
- Planning Model Wizard
- Business Rules and Analysis

Reporting

- Wide array of graph styles with control of visual format
- Quickly re-use and apply graphs to all projects in minutes
- Group graphs into Dashboards
- Export to PowerPoint, Word, Excel and Crystal Report

Organization

- Aggregate and summarize data as needed – quick and flexible
- Track key performance measures over time using internal Organizational Database
- Capture historical and off-site data
- Benchmark data repository

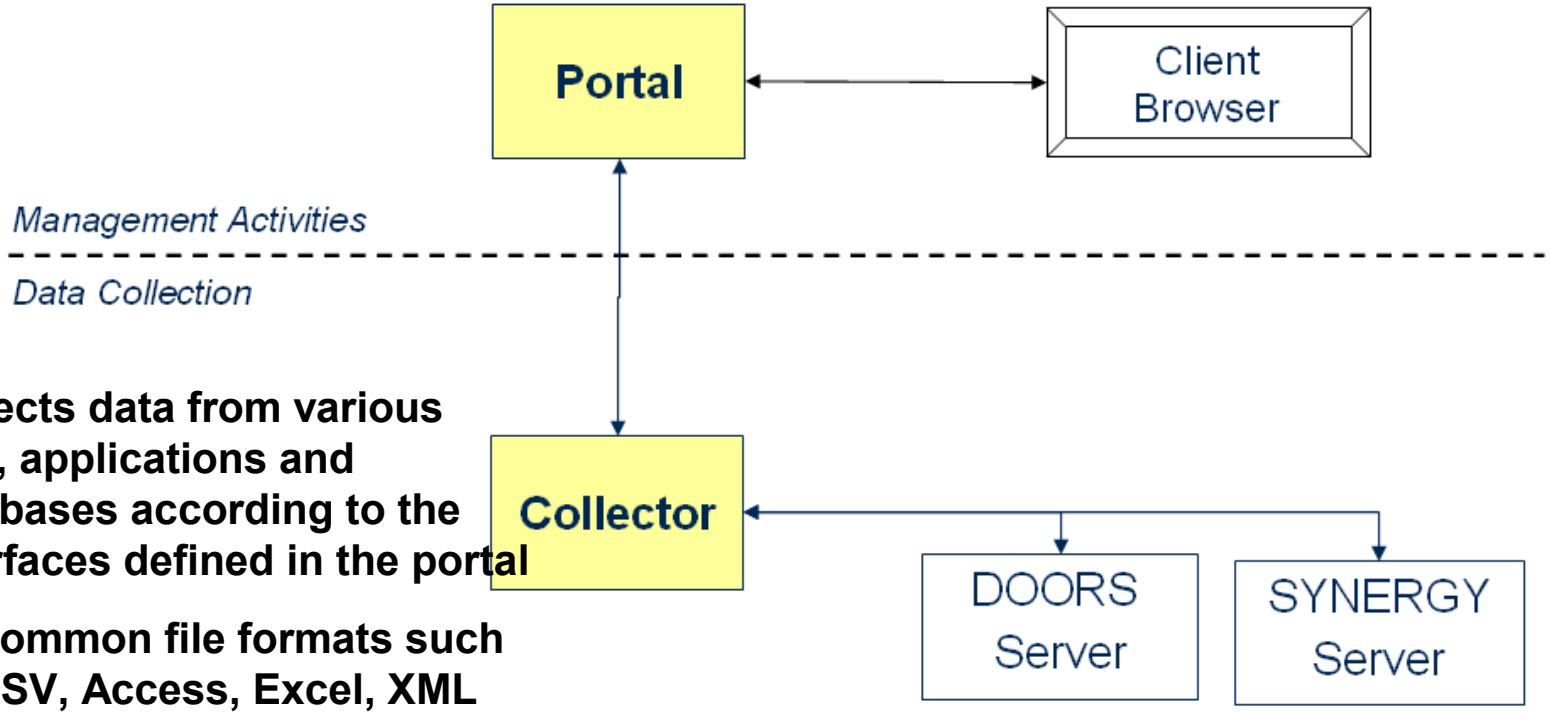
DataDrill Customers

ALSTOM
CS
bp
GEICO
NASA
BAE SYSTEMS
hp invent
accenture
BOEING
océ Printing for Professionals
PLATO LEARNING
EADS
sonalysts
Harcourt
Rockwell Automation
coface
PHILIPS
JSF
Raytheon
smiths
SIEMENS
steria
GENERAL DYNAMICS
Medtronic
SPANSION
Aetna
THALES
Continental
LOCKHEED MARTIN
cetelem
PEARSON
SAIC
RENAULT
INTERMARCHE
TELEPHONICS A Griffon Company
Tenix
Inserm Institut national de la santé et de la recherche médicale
GALILEO
SNCF
United Defense
Booz | Allen | Hamilton

GPS for Projects

Components

Via Web (no plug-ins needed)



Collects data from various files, applications and databases according to the interfaces defined in the portal

All common file formats such as CSV, Access, Excel, XML

Databases such as Microsoft, Oracle and ODBC-supported databases

Life Demo