

١

Toby Mills | Director: R&D, Land Administration

**FEBRUARY 2020** 



## What's New in Landfolio



# NOT What's New in Landfolio



### Things we did NOT add to landfolio

- Accounts Receivable
- Geological Ore Body Modelling
- Employee Leave Management
- Mine Planning
- Video Player
- Raster Image Georeferencing
- Survey Planning
- Processing Plant Security
- IT Support Management

- Catering Contract Management
- Fleet Maintenance
- Corporate Tax Planning
- Routing Optimization
- Camera
- Word Processor
- Card Games (Solitaire)
- Customer Satisfaction Surveys



# Landfolio

#### Part of an Enterprise Solution



TRANSFORMING THE WAY THE WORLD WORKS

# What is an Enterprise Solution?





"Enterprise solutions are designed to integrate multiple facets of a company's business through the interchange of information from various business process areas and related databases. These solutions enable companies to retrieve and disseminate mission-critical data throughout the organization, providing managers with real-time operating information."

> eget, pretium interdum, matesuada ac, augue. Anquam sonicitudin, massa ut vestibulum posuere, massa arcu elementum purus, eget vehicula lorem metus vel libero. Sed in dui id lectus commodo elementum. Etiam rhoncus tortor. Proin a lorem. Ut nec velit. Quisque varius. Proin nonummy justo dictum sapien tincidunt iaculis. Duis lobortis pellentesque risus. Aenean ut tortor imperdiet dolor scelerisque bibendum. Fusce metus nibh, adipiscing id, ullamcorper at, consequat a, nulla.

Phasellus orci. Etiam tempor elit auctor magna. Nullam nibh velit, vestibulum ut, eleifend non, pulvinar eget, enim. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Integer velit mauris, convallis a congue sed, placerat id, odio. Etiam venenatis tortor sed lectus. Nulla non orci. In egestas portitor quam. Duis nec diam eget nibh mattis tempus. Curabitus accumsan pede id odio. Nunc vitae libero. Aenean condimentum diam et turpis. Vestibulum non risus. Ut consectetuer gravida elit. Aenean est nunc, varius sed, alquam eu, feugiat sit amet, metus. Sed venenatis odio id eros.

Phasellus placerat purus vel mi. In hac habitasse platea dictumst. Donec aliquam porta odio. Ut facilisis. Donec ornare ipsum ut massa. In tellus tellus, imperdiet ac, accumsan at, aliquam vitae, velit.

#### www.gartner.com





"Enterprise solutions are designed to integrate

#### multiple facets of a company's business

through the

#### interchange of information

from various business process areas and related databases. These solutions enable companies to retrieve and disseminate mission-critical data throughout the organization, providing managers with real-time operating information."



[your organisation]





#### your organisation



#### your organisation



#### your organisation





#### **ESB: Enterprise Service Bus**



# What is an Enterprise Service Bus?



Lorem Ipsum-Platea Porta-Massa						
Lorem Ipsum	Quid Novi?	Lorem Ipsum Dolor Sit Amet				
elit. Duis tellus. Donec ante dolor, iaculis nec, gravida ac, cursus in, eros. Mauris vestibulum, felis et egestas ullamcorper, purus nibh vehicula sem, eu egestas ante nisl non justo. Fusce tincidunt, lorem nev dapibus	Lorem Ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut	Consectetur Adipsicing Elit Sed do Eiusmod Incidunt ut Labore Aliqua				

What is an ESB (enterprise service bus)?

An ESB, or enterprise service bus, is a pattern whereby a centralized software component performs integrations to backend systems (and translations of data models, deep connectivity, routing, and requests) and makes those integrations and translations available as service interfaces for reuse by new applications. The ESB pattern is typically implemented using a specially designed integration runtime and toolset that ensure the best possible productivity.

> lorem. Ut nec velit. Quisque varius. Proin nonummy justo dictum sapien tincidunt iaculis. Duis lobortis pellentesque risus. Aenean ut tortor imperdiet dolor scelerisque bibendum. Fusce metus nibh, adipiscing id, ullamcorper at, consequat a, nulla.

#### www.ibm.com

Phasellus orci. Etiam tempor elit auctor magna. Nullam nibh velit, vestibulum ut, eleifend non, pulvinar eget, enim. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Integer velit mauris, convallis a congue sed, placerat id, odio. Etiam venenatis tortor sed lectus. Nulla non orci. In egestas portitor quam. Duis nec diam eget nibh mattis tempus. Curabitus accumsan pede id odio. Nunc vitae libero. Aenean condimentum diam et turpis. Vestibulum non risus. Ut consectetuer gravida elit. Aenean est nunc, varius sed, alquam eu, feugiat sit amet, metus. Sed venenatis odio id eros.

Phasellus placerat purus vel mi. In hac habitasse platea dictumst. Donec aliquam porta odio. Ut facilisis. Donec ornare ipsum ut massa. In tellus tellus, imperdiet ac, accumsan at, aliquam vitae, velit.

An ESB, or enterprise service bus, is a pattern whereby a

#### centralized software component

performs

#### integrations to backend systems

(and translations of data models, deep connectivity, routing, and requests) and makes those integrations and translations available as service interfaces for reuse by new applications. The ESB pattern is typically implemented using a specially designed integration runtime and toolset that ensure the best possible productivity.







#### your organisation health & enterprise saftey service bus planning engineering accounting land exploration license application fee



## What's New in Landfolio



# Integration Tools for an Enterprise Solution



#### Integration Tools

- Framework Tools
  - o API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support

- - Importers & Exporters
    - Scheduled Action Importer
    - Scheduled Exporters
    - Structured Data importer
  - Other Services
    - SAML 2 Authentication
    - WMS display



#### Integration Tools

- Framework Tools
  - o API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support



- Importers & Exporters
  - Scheduled Action Importer
  - Scheduled Exporters
  - Structured Data importer
- Other Services
  - SAML 2 Authentication
  - WMS display





## **API: Application Programming Interface**











### SDK: Software Development Kit



## Landfolio .Net SDK





## Web Hooks











#### **Integration Tools**

- Framework Tools
  - o API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support

- - Importers & Exporters
    - Scheduled Action Importer
    - Scheduled Exporters
    - Structured Data importer
  - Other Services
    - SAML 2 Authentication
    - WMS display





## DMS: Document Management System



## **SharePoint Integration Service**





#### **Generic DMS support**




#### Generic DMS support





#### Generic DMS support





### **Generic Integration Service**





### Integration Tools

- Framework Tools
  - o API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support

- Importers & Exporters
  - Scheduled Action Importer
  - Scheduled Exporters
  - Structured Data importer
- Other Services
  - SAML 2 Authentication
  - WMS display













#### Structured Data Import



#### action + structured data license + structured data

Trimble.

TRANSFORMING THE WAY THE WORLD WORKS

### **Integration Tools**

- Framework Tools
  - API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support



- Importers & Exporters
  - Scheduled Action Importer
  - Scheduled Exporters
  - Structured Data importer
- Other Services
  - SAML 2 Authentication
  - WMS display





## SAML: Security Assertion Markup Language







#### your organisation



#### **SAML 2 Authentication**

This instance is in DEVELOPER mode.

#### Trimble landfolio









#### **OGC: Open Geospatial Consortium**

### WMS: Web Map Service















## Things we did NOT add to landfolio

- Accounts Receivable
- Geological Ore Body Modelling
- Employee Leave Management
- Mine Planning
- Video Player
- Raster Image Georeferencing
- Survey Planning
- Processing Plant Security
- IT Support Management

- Catering Contract Management
- Fleet Maintenance
- Corporate Tax Planning
- Routing Optimization
- Camera
- Word Processor
- Card Games (Solitaire)
- Customer Satisfaction Surveys



### Integration Tools

- Framework Tools
  - API
  - SDK
  - Web Hooks
- Integration Services
  - Sharepoint Metadata
  - Generic DMS support

- - Importers & Exporters
    - Scheduled Action Importer
    - Scheduled Exporters
    - Structured Data importer
  - Other Services
    - SAML 2 Authentication
    - WMS display



#### your organisation





١

# Thank You

Toby Mills | Director: R&D, Land Administration

**FEBRUARY 2020** 

