# REUTERS CONTENT DELIVERY PLATFORM

Reuters Content Delivery Platform processes Reuters Media and partner content delivering through a combination of different methods in a NewsML-G2 format.

Reuters Connect Delivery Platform produces NewsML-G2 formatted media content for simplified delivery and integration into existing customer workflows and applications.

This document outlines the technical details for each of these delivery methods as well as an overview of Reuters products and content structure.

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# WHAT WE DELIVER

The Reuters Content Delivery Platform generates multiple media types, enriches them with consistent NewsML-G2 metadata and delivers them via a range of options beginning with simple RSS to a very robust Web Services (API).

Depending on your desired content you can choose a combination of the following delivery methods:
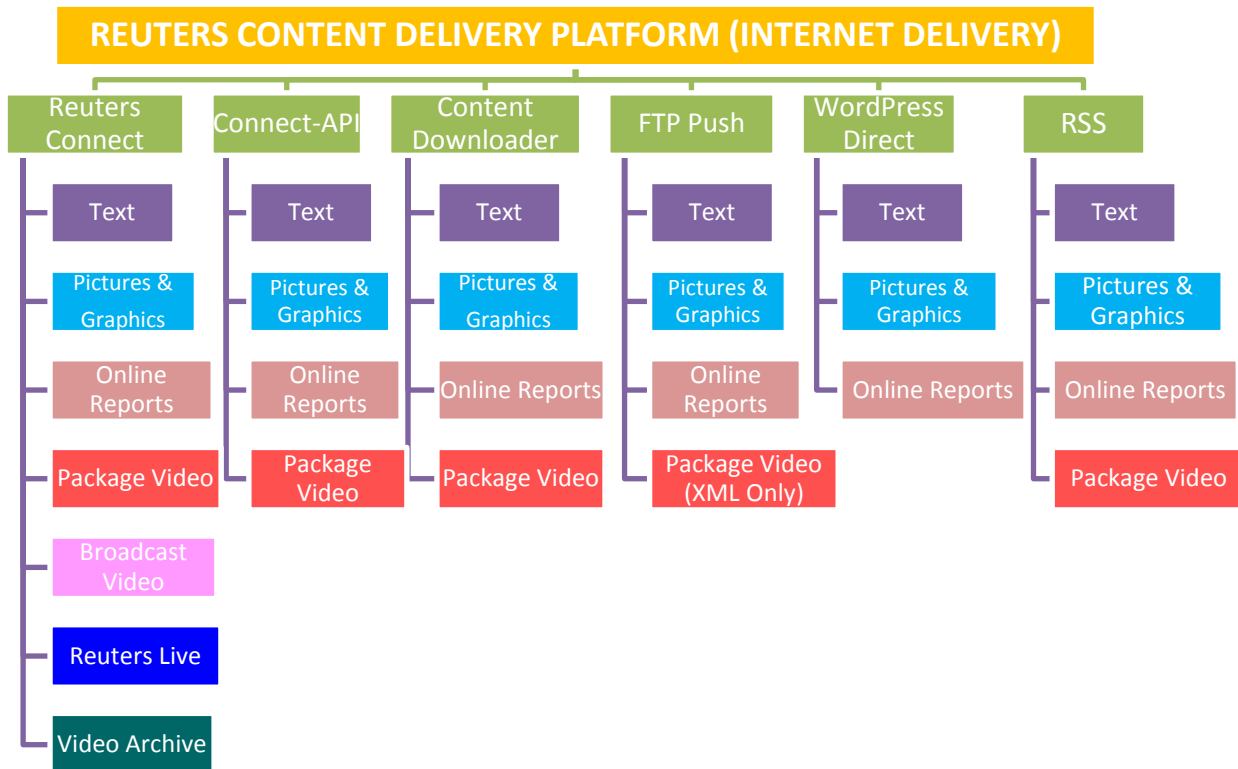


Valid trial or user login details are required to access these delivery methods. Please contact the helpdesk or your account manager for more information.

# STANDARD OVERVIEW

### WHAT IS NEWSML-G2?

The latest XML standard for the news industry, NewsML-G2 enables delivery of richer metadata, more sophisticated packaging of news items across multiple media types and smaller file sizes for more efficient processing.

**BENEFITS OF NEWSML-G2 STANDARD**

- It is being increasingly adopted throughout the industry, used by News Agencies such as Reuters, AP and AFP as well as a growing number of Editorial System Vendors
- Carries richer metadata and allows news items across multiple media types to be packaged more effectively.
- Compatible with other G2 standards, such as EventsML-G2 and SportsML-G2
- To find more about NewsML-G2, visit www.iptc.org

# DELIVERY OPTIONS

All Reuters and 3$^{rd}$ partner content can be selectively downloaded from the Reuters Connect Portal (Website): www.reutersconnect.com. Customers wanting to automatically integrate our content into their existing workflows can utilize any of the following delivery methods:

- Reuters RSS Feeds (authenticated mRSS format rather than NewsML-G2)
- Reuters WordPress Direct Plugin
- Reuters FTP Push
- Reuters Content Downloader
- Reuters Web Services API  (with optional WordPress plug-in)

The implementation effort is categorized in levels. Level 1 (less effort) to Level 4 (more effort).

**Level 1**
- Reuters Connect Portal (Website)

**Level 2**
- Reuters RSS
- Reuters WordPress Direct Plugin

**Level 3**
- Reuters FTP PUSH
- Reuters Content Downloader

**Level 4**
- Reuters Web Services API
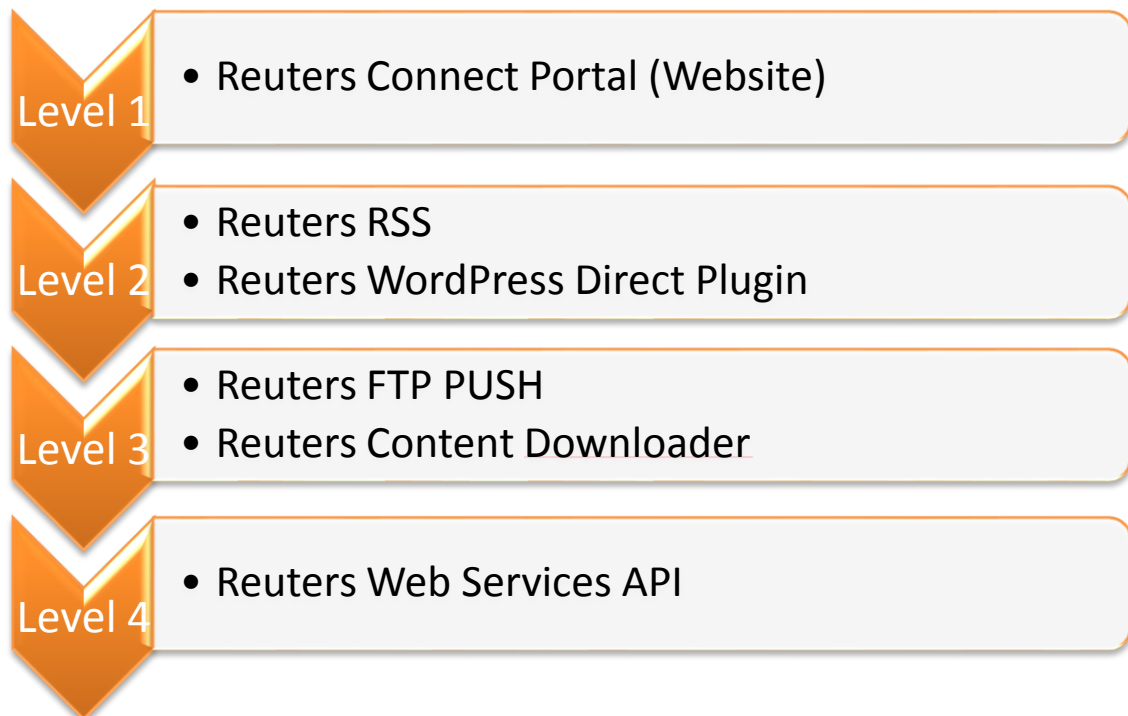
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# REUTERS CONNECT PORTAL (Website)

Reuters Connect is your single destination for all Reuters and 3rd Party content requirements such as text, pictures, video, live video and infographics for breaking stories happening right now, but also archive stories dating back to 1896. Not only does it give you access to raw and ready-to-publish coverage from Reuters, it also provides real-time and archival content from a range of world-class media organizations.



## IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- Reuters Connect allows you immediate access to raw and ready-to-publish coverage with breaking news and archive content from Reuters and chosen partners.
- Flexible points-based spending model provides you with the freedom to choose and control your budget
- Includes, Planning Tools such as alerts, advisories and an editorial calendar which provides real-time view on coverage, timings and formats.
- Offers a story-centric view to see how and when a story originated, showing you the very latest content to the very first mention.
- No software installation is required

## REQUIREMENTS

- High speed internet connection is recommended
- Browser must have cookies and JavaTM script enabled
- Supported browser: Internet Explorer, Firefox, Safari and Google Chrome.

## DATA FORMATS AVAILABLE

- Text: XML (metadata in NewsML-G2)
- Pictures: JPEG (image with IPTC), XML (includes caption and metadata)
- Graphics: EPS (file), JPEG (preview with IPTC), XML (includes metadata)
- Video: MP4/MPG (includes key frame and metadata)
- Live Video: For hosted users an embed code is used. For non-hosted users the HDS and HLS links can be used in your own player. RTMP option is also available.

## TECHNICAL RESOURCES

- 24/7 customer support via instant chat, phone and Liaison website
- Online user guide
- Reuters end-points could be found in Liaison website

# REUTERS RSS

Reuters RSS provides access to all Reuters and partner content via Really Simple Syndication (RSS). RSS is a delivery method based on a simple Web address, which is regularly and automatically polled for updates.
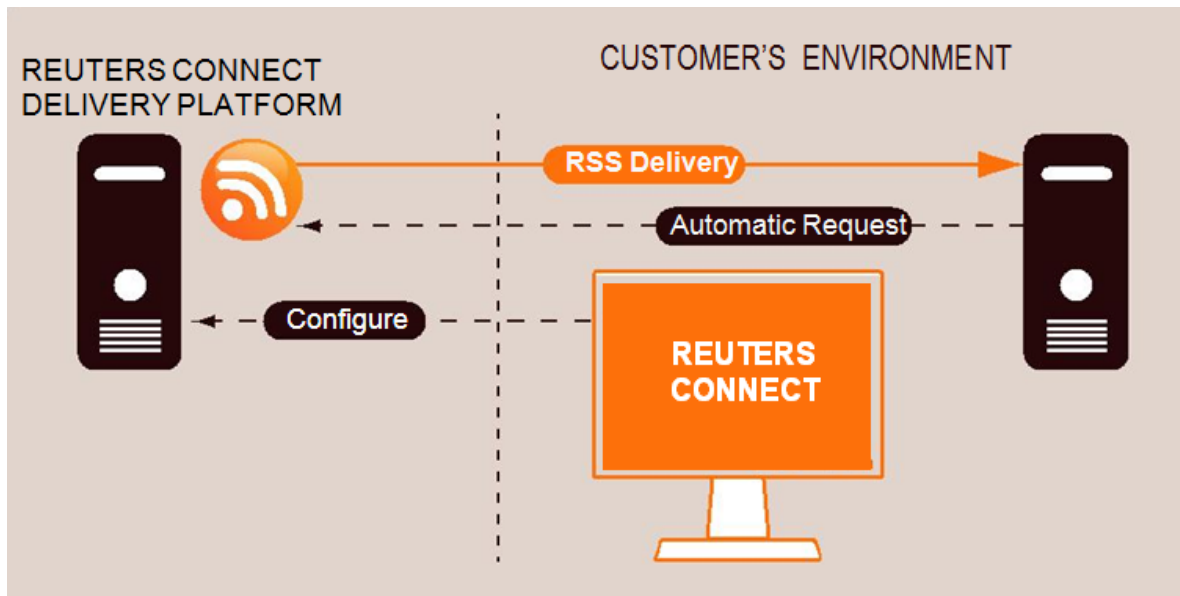


## IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- Reuters RSS uses RSS 2.0 format (mRSS for video)
- Content is password protected via an Authentication Key
- Easy-to-integrate RSS format and delivery
- Complementary access to Reuters Connect (Portal Website)

## REQUIREMENTS

- High speed internet connection preferred
- Web browsers and Readers must be RSS-enabled, support RSS 2.0, mRSS and password authentication

## DATA FORMATS AVAILABLE

- Text: RSS
- Pictures: JPEG (image with IPTC)
- Graphics: EPS (file) JPEG (preview)
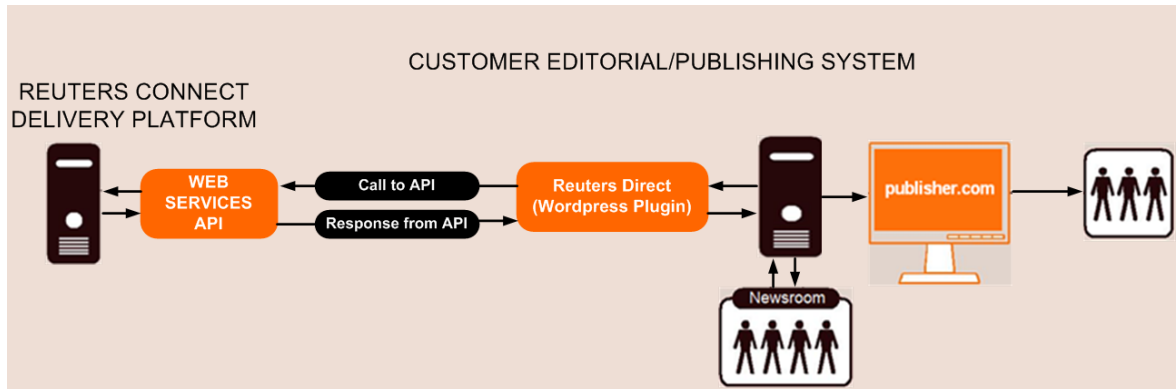- Video: mRSS is acceptable. Multiple video formats.

## TECHNICAL RESOURCES

- User Guide
- Customer Support via phone and Liaison website
- Reuters end-points could be found in Liaison website

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# REUTERS DIRECT (WORDPRESS PLUGIN)

Reuters Direct is a fully-featured news aggregator, powered by Reuters Connect Web Services, which ingests Reuters news and picture content directly into a [WordPress platform](#).

Reuters Direct uses our Reuters Web Services API to ingest content directly into WordPress. Text wires are ingested as posts in draft status. Pictures are automatically ingested into the Media Gallery with appropriate descriptions and titles. Online Reports are ingested with attached pictures and can be set to publish status or draft depending on if a picture has been made available for it.



### IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- Requires Reuters Web Services API login to make REST queries wrapped in cURL statements using the TLSv1.2 secure protocol
- Content is password protected
- Easy-to-integrate
- Complementary access to Reuters Connect Portal (Website)

### REQUIREMENTS

- High speed internet connection recommended

### DATA FORMATS AVAILABLE

- Text: XML
- Pictures: JPEG (image with IPTC)
- Graphics: JPEG (image). *Reuters Interactive Graphics* channel can't be used.
- Online Reports with Text and Pictures

### TECHNICAL RESOURCES

- User Guide
- Customer Support via phone and [Liaison website](#)
- Reuters end-points could be found in [Liaison website](#)

# REUTERS FTP PUSH

Reuters FTP Push provides a quick and reliable way to receive content pushed directly to your systems. Only FTP server software installation required on the client site, this delivery functionality sits alongside your existing feeds and is constantly monitored by Reuters to avoid the loss of any files during transmission.
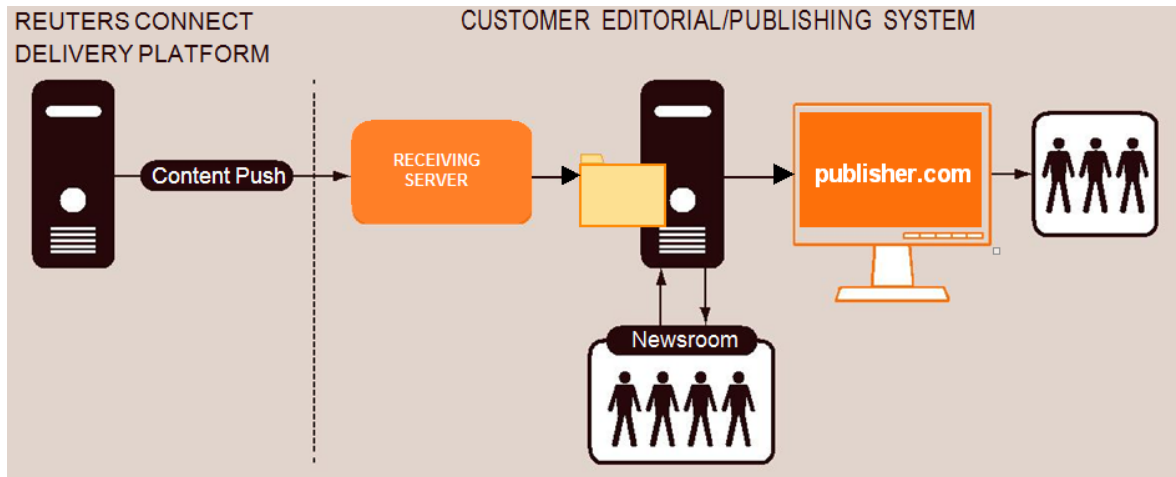


## IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- No need to install any additional Reuters software
- Integrate the parsing of XML files with your existing content management systems
- NewsML-G2 metadata delivered with content over FTP
- Content is retrieved from a Content Delivery Network with more than 24,000 access nodes globally
- Automatic content recovery and resend functionality

## DATA FORMATS AVAILABLE

- Text: XML (including metadata in NewsML-G2)
- Pictures: JPEG (image with IPTC), XML (includes caption and metadata)
- Graphics: EPS (file), JPEG (preview with IPTC), XML (includes metadata)
- Online Video: multiple online formats available, customer must parse the XML file (includes script and metadata) to extract the URLs with reference to the available video content and related JPEG thumbnails.

## REQUIREMENTS

- High speed internet connection is essential
- Firewalls must be configured to permit access to and from Reuters servers
- For Online Video only: Software applications must be configured to extract the video link in the XML package.
- Connect Push supports secure delivery using the **FTP-S protocol** and not **sFTP .**

## TECHNICAL RESOURCES

- Technical Guide
- NewsML-G2 Quick Reference Guide
- Customer Support via phone and Liaison website
- Reuters end-points could be found in Liaison website

# REUTERS CONTENT DOWNLOADER (RCD)

The Reuters Content Downloader is a software application that collects content and delivers it directly to your newsroom servers. It uses the internet to frequently check for updates and retrieve content. Once downloaded, the content is placed in a specific folder, which is configurable according to your requirements.
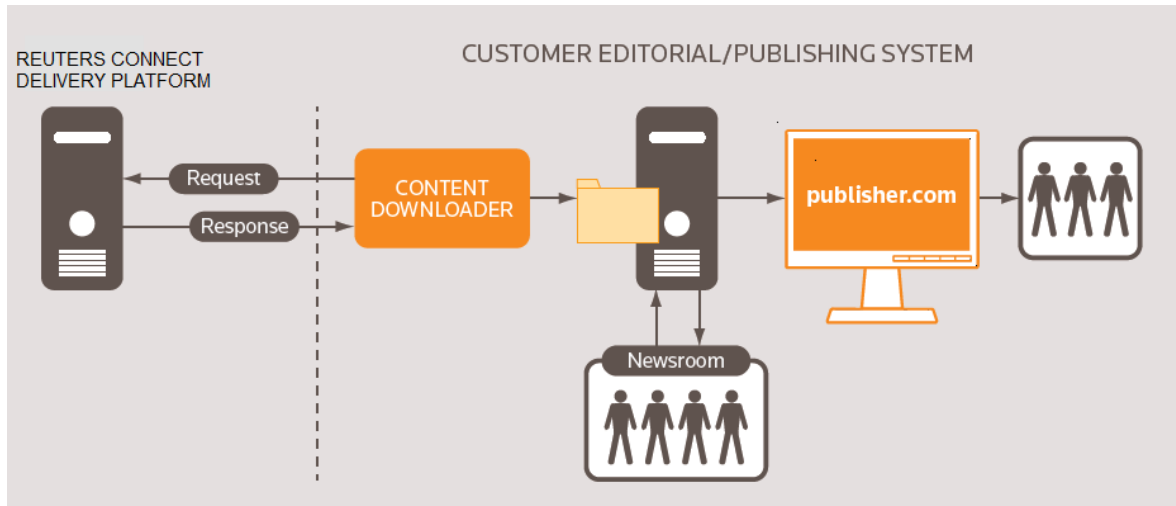


## IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- Reuters Content Downloader is a Java-based application
- Includes active content monitoring & alerting
- Delivers NewsML-G2 metadata
- Automatically recovers in case of any issues
- Includes access to remote support feature

## REQUIREMENTS

- High speed internet connection is essential. If a proxy server is used for HTTP access, you must configure your proxy-server IP address after installation
- Supported platforms:
    - Windows 8, Windows 10, Windows Server 2012 R2, Windows Server 2016.
    - Linux 4.14(Red Hat 7.2.1), Linux 3.6(Red Hat 4.7.2, UBUNTU v12.x)
    - MAC OS X 10.13 or later version
- Current versions of supported browsers:
    - Internet Explorer
    - Firefox
    - Google Chrome
    - Safari

## DATA FORMATS AVAILABLE

- Text: XML (including metadata in NewsML-G2)
- Pictures: JPEG (image with IPTC), XML (includes caption and metadata)
- Graphics: EPS (file), JPEG (preview with IPTC), XML (includes metadata)
- Online Video: Multiple video formats; JPEG (still); XML (includes script and metadata)

## TECHNICAL RESOURCES

- Installation Package (Reuters Connect login required)
- User Guide (Reuters Connect login required)
- NewsML-G2 Quick Reference Guide
- Customer Support via phone and Liaison website
- Reuters end-points could be found in Liaison website

# REUTERS WEB SERVICES API

Reuters Web Services offers API access and provide several convenient ways to programmatically receive your subscribed content. In addition, WordPress users can download a plug-in to fully automate the integration of Online Report content on a WordPress site with zero development.
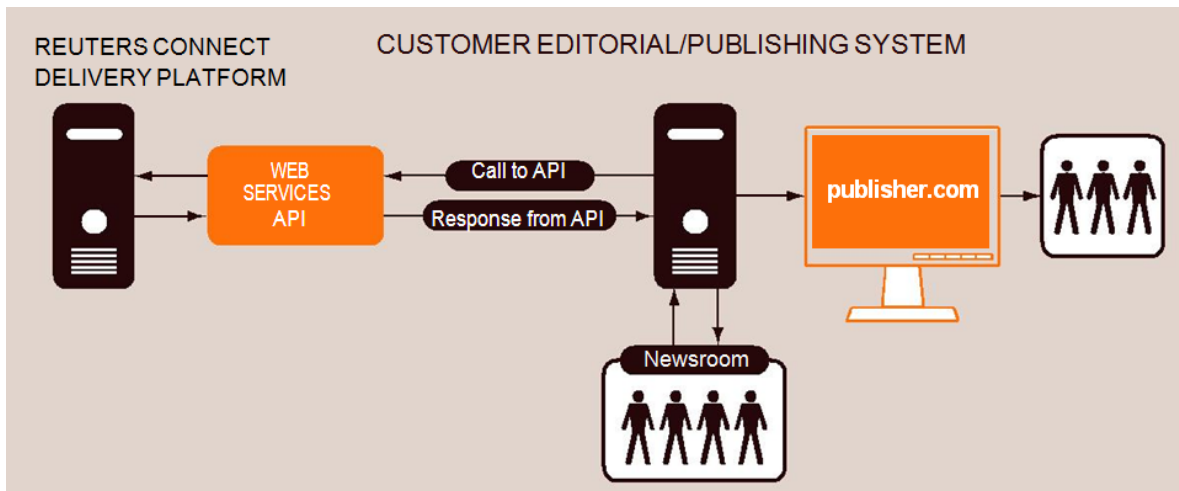


## IMPLEMENTATION CONSIDERATIONS AND BENEFITS

- Reuters Web Services API is a framework that allows specific, customized actions to be invoked for functions (e.g. search) and content
- Includes WordPress plug-in to fully integrate content in WordPress web site.
- Supports REST and SOAP Web Service protocols.
- The API is XML file format based.

## DATA FORMATS AVAILABLE

- Text: XML (including metadata in NewsML-G2)
- Pictures: JPEG (image with IPTC), XML (includes caption and metadata)
- Graphics: EPS (file), JPEG (preview with IPTC), XML (includes metadata)
- Video/Online Video: Multiple video formats; JPEG (still); XML (includes script and metadata)

## TECHNICAL RESOURCES

- API Demo site access with your API Login and password.
- Customer Support via phone and Liaison website
- Online user guide
- Reuters end-points could be found in Liaison website