Bringing Allotrope to the people

First enterprise class platform for ingestion, conversion, & management of ADF files.

Turn Data into Corporate Assets - Make Data Available for Reuse – Secure Compliance and Data Integrity
The problems ZONTAL set out to solve

Current Enterprise Information Systems are Centered on Applications

<table>
<thead>
<tr>
<th>Application Centric</th>
<th>Data are managed application centric—NOT DATA CENTRIC. 100’s of siloed software applications.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reuse is Constrained</td>
<td>80% of data can’t be used because of low quality, missed or lost! Million’s spent each year on duplication!</td>
</tr>
<tr>
<td>NO DATA Standards</td>
<td>Data exists in a wide range of heterogenous data formats. Data exchange and sharing is a big bottleneck! Value of data lakes is limited due to missing data harmonization</td>
</tr>
<tr>
<td>Compliance DATA INTEGRITY</td>
<td>High Risk and 100’s of millions spend because of compliance and data integrity issues.</td>
</tr>
</tbody>
</table>
Allotrope is an Enabling Technology at the Heart of our Product

Rethinking scientific data – Scientific data you can trust, at your fingertips

Our Demand: FAIR Data

✓ FINDABLE
✓ ACCESSIBLE
✓ INTEROPERABLE
✓ REUSABLE
Our Solution: **ZONTAL SPACE**

The first FAIR Digital Integration Platform

**DATA-CENTRIC** and **VALUE-DRIVEN** platform to allow better connection and (re-) use of data to generate greater insights and future innovation faster.

- Integration and interoperability of all Data / Lab Applications to automate data capture and business processes.
- Driving data standardization and industrialization. Data pre-consolidation and data management, applying FAIR principles and semantics.
- Data analytics environment for advanced digital process capabilities (like AI, ML, Bots,..)
- Guaranteed data integrity and compliance

The Data-Centric revolution puts data at the center of the enterprise.
At the Digital Integration Hub’s heart: Allotrope Data Files

Data Lake + Data Hub + Data Preservation = ZONTAL Space

Capture

Reference & Masterdata Management
Web Clients
File Shares
CDS
LIMS
ELN
DMS
SDMS

Ingest

Manage Information Lifecycle

Manage Information Lifecycle

Ingest

Validate

Receive

Ingest

Convert

Receive

Access

Reuse

REST API

SPARQL

SPARQL (REST API)
New Feature: Allotrope Conversion Service

Rapidly test your data model, convert, and reuse instrument data

Data Model

Raw data, e.g.
- json
- xlsx
- pdf

ZONTAL Space Data Hub

Data Scientist Access

Scientist Access

Audit Access

Web-UI or Web-API supported ingest of and access to your data
Life Demo Time

Hold Tight!
SQL Interface: Scientists can browse ADF like a File Browser/Explorer
Spotfire Integration: Rapidly create custom Dashboards
Spotfire Integration: Analytics across Batches and Processes
We are Team Players.

Announcing new partnerships to push adoption of Allotrope forward

Integration partnership

Integration partnership

Solution partnership

ZONTAL Space is now freely available to Allotrope Members and APN for converter development.

We are open for additional win/win situations – contact: Dennis.DellaCorte@zontal.io
© Copyright ZONTAL Inc. 2020
This document is protected by copyright. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, transmitted, redistributed or translated, in any form or by any means, electronic, mechanical, photo-copying, recording, or otherwise, without prior written permission by ZONTAL Inc.

Disclaimer "forward looking statements"
This document contains statements related to our future business and financial performance and future events or developments involving ZONTAL that may constitute forward-looking statements. These statements are subject to a number of risks, uncertainties and factors, including, but not limited to those described in disclosures. Should one or more of these risks or uncertainties materialize, or should underlying expectations not occur or assumptions prove incorrect, actual results, performance or achievements of ZONTAL may (negatively or positively) vary materially from those described explicitly or implicitly in the relevant forward-looking statement. ZONTAL neither intends, nor assumes any obligation, to update or revise these forward-looking statements in light of developments which differ from those anticipated.