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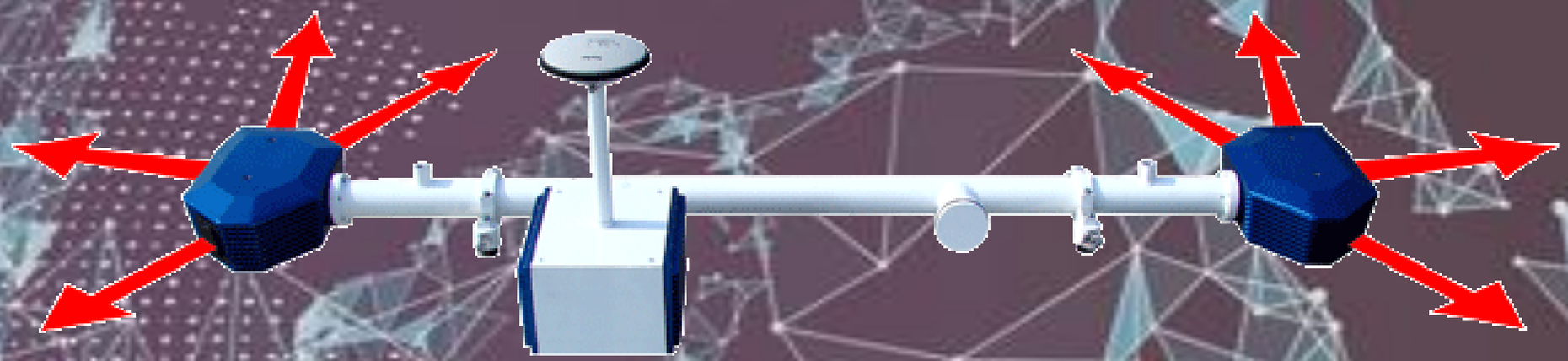
Trust and Value of Authoritative Data

Why should anyone want to use our members data with so much open data available?

Prepared by: Andreas Hadjiraftis

Member of EuroGeographics Management Board
President of Permanent Committee for the Standardization of Geographical Names of Cyprus
Secretary of INSPIRE Council of Cyprus
Ag. Chief Lands Officer (Cartography, Geodesy, Hydrography and Photogrammetry)
Department of Lands and Surveys, Ministry of Interior,
Lefkosia, Cyprus
Tel: +35722804813 | Fax: +35722804881 | email: ahadjiraftis@dls.moi.gov.cy
Website: http://portal.dls.moi.gov.cy



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Introduction

High quality data is a necessary criterion to ensure the quality of both public and private digital services and to drive innovation (Debruyne et al., 2017; European Commission, 2016).

“Authoritative” - Definitions

1. Clearly accurate.

2. Able to be trusted as being reliable.

3. Containing complete and accurate information,
   and therefore respected.

4. Based on the best, most complete,
   and most reliable information.

“Authoritative Data sets”

“Data provided by, or on behalf of, a public body (authority), which has an official mandate to provide it.”

Why should anyone want
to use our members data
with so much free open data available?

NMCAs Basic Environment Characteristics

- **INTEGRATED WORK ENVIRONMENT**
- **WELL DEFINED PROCEDURES**
- **EFFECTIVE COMMUNICATION**
- **SECURE FRAMEWORK**

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- **Strict data collection, processing, and updating procedures.**
- **Based on legislation.**
- **Based on high precision geodetic reference systems.**
- **Based on accurate field measurements.**
- **Supported by high-accuracy aerial ortho-photos and satellite imagery.**
- **Continuously updated.**
- **Consistent geometry and high accuracy.**
- **Wealth of information (attributes) available for each feature.**

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- **Highly trained personnel: cartographers, geodesists, photogrammetrists, surveyors, hydrographers, GIS analysts etc.**
- **High precision equipment and hardware.**
- **Advanced/professional software.**

Main Principles Adopted for Spatial Data in NMCAs

- Spatial Data is collected and kept where it can be maintained most effectively with trust.
- Spatial information is combined seamlessly following pre-defined standards.
- Spatial information is readily available.

CONCLUSIONS

Effective
Data Collection
Procedures

Complete
and Accurate
Data Bases

Existence of Authoritative Data and Services We can Trust

High Specifications
and Standards

Integration

Legislation
and solid
Implementation Rules

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Interoperability