



ProDSP professional day

**Cloud technologies in the management of
measurement data**

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Csaba Pozsar (AE/ECF-EV-SD)

Cloud technologies in the management of measurement data

How can I solve this?



Cloud technologies in the management of measurement data

Personal introduction

- Csaba Pozsar (AE/ECF-EV-SD)
 - Before Bosch (< 2018)
 - worked for an independent Test System Integrator company
 - +10y engineering, +5y leadership, +3y PM experience before Bosch
 - Lead Expert in Test System and Measurement Data Automation field
 - leader of global expert team - Test System Strategy
 - member of Center of Competence – Endurance Test Methods competency team
 - Cloud Data Management for environmental testing, project responsible
 - leader of Hungarian National Instruments Core Team
 - Certified LabVIEW/TestStand, ISTQB CTFL, BEO expert, TDP member



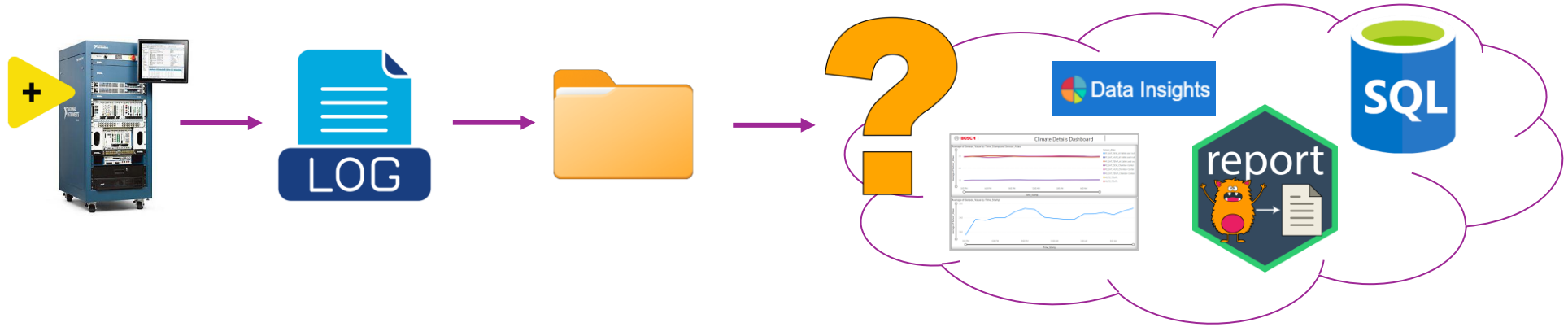
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Area of responsibility



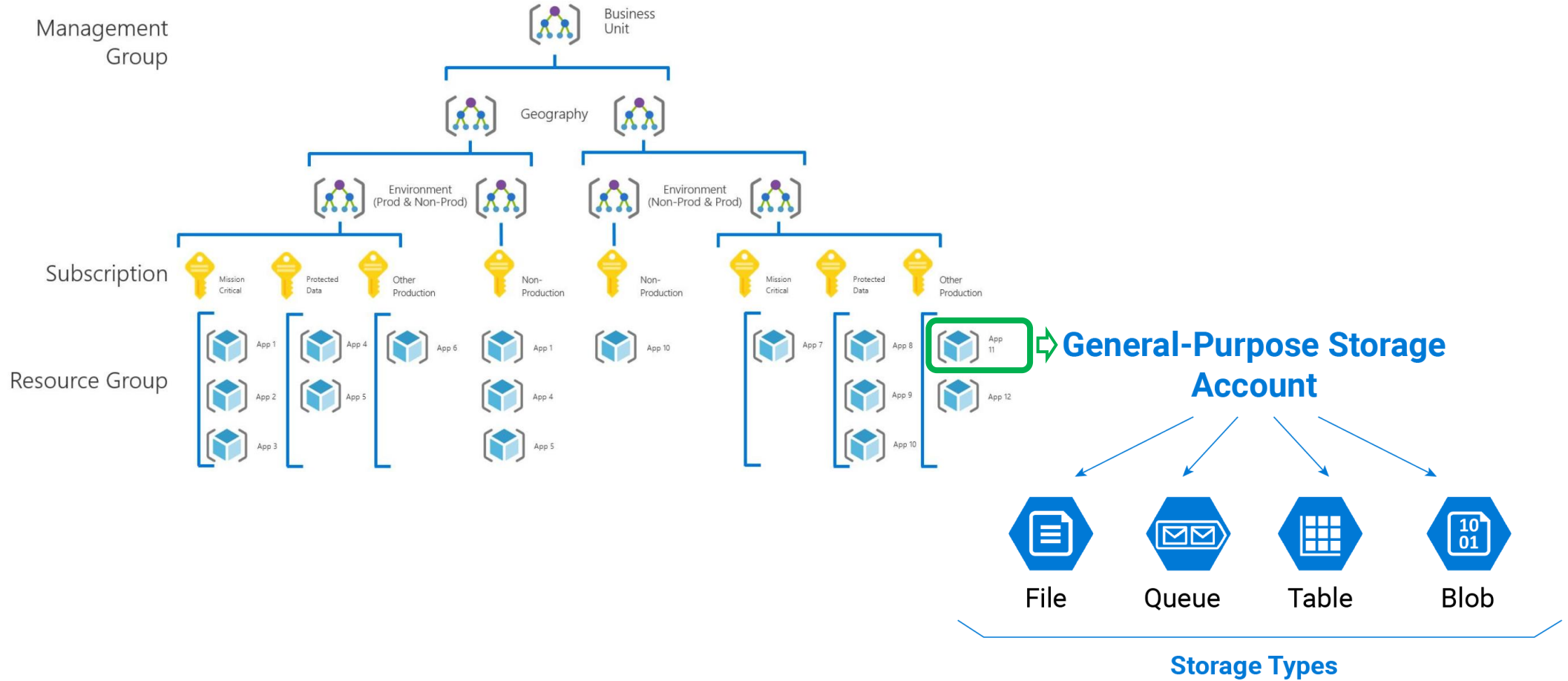
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Handle our data according to how much value they represent

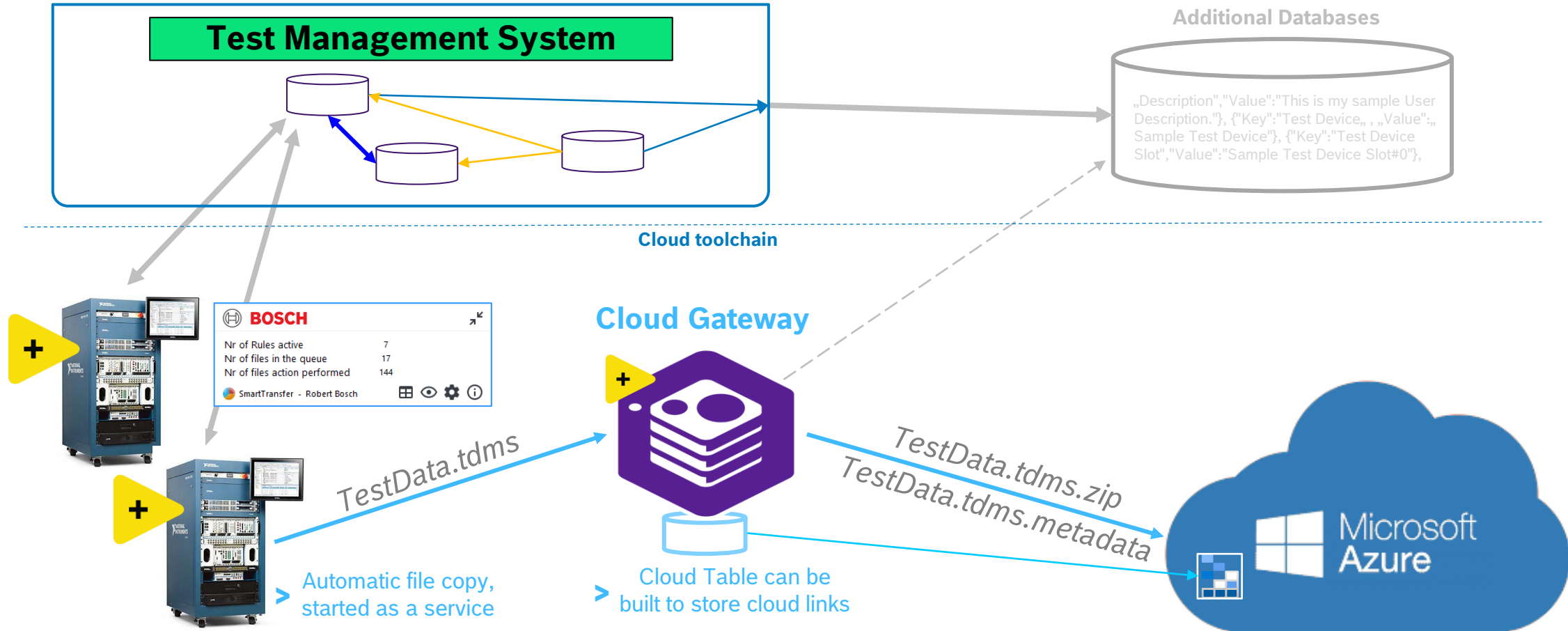


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Cloud infrastructure resource tree



Cloud technologies in the management of measurement data Architecture



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LabVIEW implementation insights

LabVIEW Cloud Toolkit for AWS

NI

The LabVIEW Cloud Toolkit for AWS helps you interface LabVIEW applications with Amazon Web Services (AWS).

The LabVIEW Cloud Toolkit for AWS is a software add-on that provides LabVIEW APIs for AWS support in LabVIEW Real-Time Module- or Windows-based applications. You can integrate AWS functionality in your applications for data storage, message publishing, and queuing operations. This integration helps you save large amounts of measurements and data directly from LabVIEW while providing security, reliability, and availability. The LabVIEW Cloud Toolkit for AWS supports Amazon Simple Storage Service (S3), Amazon Simple Queue Service (SQS), Amazon Simple Notification Service (SNS), and AWS Internet of Things (IoT). Additionally, the add-on includes core services APIs for authentication and encryption.



LabVIEW Cloud Toolkit for Microsoft Azure

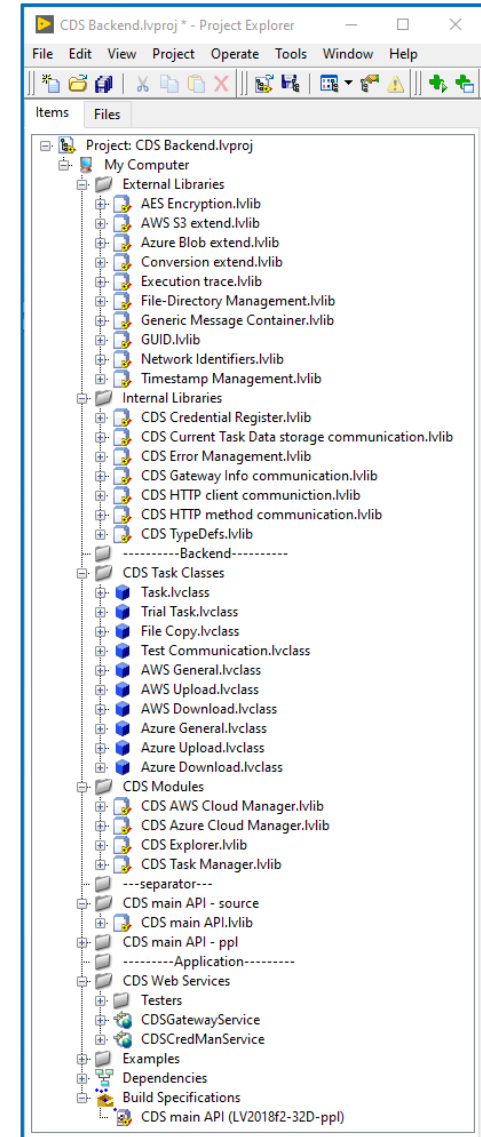
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The LabVIEW Cloud Toolkit for Microsoft Azure helps you connect LabVIEW applications to Microsoft Azure cloud services.

The LabVIEW Cloud Toolkit for Microsoft Azure is a software add-on for LabVIEW that provides APIs to help you interface your LabVIEW applications with Azure. This add-on supports Binary Large Object (BLOB) and queue services. Additionally, the add-on includes a generic, standards-based framework for connecting and authenticating to Azure. With this architecture, you can extend the capabilities provided by the LabVIEW Cloud Toolkit for Microsoft Azure and add new connections and integrations to Azure services.

Statistics:

- 1 LabVIEW project
- 18+ LabVIEW libraries
- 10+ LabVIEW classes
- 4 DQMH modules
- 2 LabVIEW Webservices
- 1217 files in 162 folders



DQMH by DQMH Consortium - Toolkit for LabVIEW Download

DQMH is the Future of Team-Based LabVIEW™ Development!

★ 44 ± 17,678

Install with VIPM

Download Package

Versions

6.1.0.90	(Mar 22, 2022)
6.0.0.83	(Jun 10, 2021)
5.0.0.72	(Apr 17, 2020)
4.2.1.46	(Apr 09, 2019)
4.2.0.45	(Feb 21, 2019)
+ 11 more	

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