

Data Center Assessment & Dependency Mapping



THE PROBLEM: An incomplete understanding of the data center estate and its numerous interdependencies makes it impossible to modernize or migrate.

Data centers often grow organically over many years as different managers, engineers, and program teams come and go. Because of this, it is not uncommon for organizations to lack a clear understanding of what resides in the data center, who uses it, and how it's all connected.

Discovery tools relying on network scans only see part of the picture. This information must be aggregated with existing systems of record and validated via stakeholder surveys and interviews in order to build a clear view of the data center. Unfortunately, this process is highly manual and results in months or years of upfront effort before any modernization, migration, or integration activities can occur. Manual processes also introduce significant risks, ranging from business disruption caused by bad data to security risks caused by delays in migrating end-of-life systems that are no longer supported.



THE SOLUTION: READYWORKS

Aggregate data coming from your discovery tools, systems of records, and spreadsheets into one platform - no CMDB required. Identify anomalies, data gaps, and inaccurate records. Use automation to clean your data and/or update the system of record itself. Automate the stakeholder interview process using data collection portals. Do it all quickly without the need for custom scripting.

BUSINESS IMPACT:

- **Rapid program initiation:** Eliminate months or years of manual effort typically required to properly inventory a data center and map out dependencies.
- **Risk Mitigation:** Identify potential risks associated with migration and make sure dependencies aren't broken along the way.
- **Cost Savings:** Identify inefficiencies in the current infrastructure and optimize resource allocation.
- **Compliance:** Ensure compliance with industry regulations, such as HIPAA or PCI DSS.
- **ESG Analysis:** Assess current data center against ESG goals including reduction of carbon footprint.



WITH READYWORKS:

- Analyze data coming from all sources on an ongoing basis to ensure accuracy, completeness, and compliance with organizational standards.
- Leverage automation to uncover, access, and clean critical data hiding in spreadsheets.
- Scour existing records identifying and correcting anomalies, conflicts, and duplicate entries.
- Automate the stakeholder interview process using configurable data collection portals and automated communications.
- Use mobile devices to capture physical inventory information including photos and QR codes.
- Integrate with RFID solutions for inventory tracking and location services.
- Manage assets throughout their lifecycle including regular maintenance, upgrades, preparation for decommission, and disposal.
- Confidently respond to security and compliance audits with highly accurate, validated, asset data.
- Optimize costs by identifying underutilized assets, consolidating resources, and preparing accurate financial forecasts for upgrades and replacements.

WHAT'S INCLUDED:

- Automated connectors to collect asset information from data-sources including CMDBs, configuration platforms, identity management systems, and discovery tools.
- Automated import of spreadsheets and other unstructured data sources.
- Outbound orchestration to update source systems of record.
- Server and network management monitoring tools.
- Full suite of asset inventory and audit response reports.
- Communication templates.
- Configurable data portals to automate the interview process.
- Configurable dashboards and reporting.

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