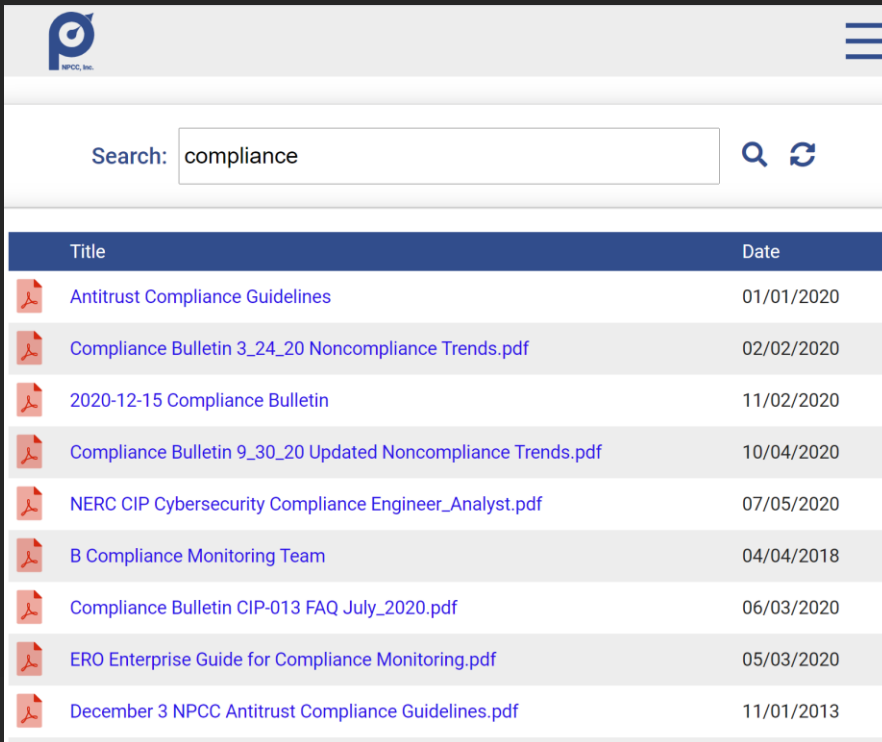# NPCC Case Study

NOMAD

File and Content Public Portal

Northeast Power Coordinating Council, Inc. (NPCC) is one of six Regional Entities that manage the North American bulk power grid.

Customer Challenges:

NPCC's old public facing website was based on an outdated SharePoint architecture that was challenging to manage, had an outdated UI and was not mobile friendly. Thousands of documents needed to be securely communicated to their member users in logical groupings and structures. They needed a cloud-based centralized repository to efficiently manage, distribute and deep search their PDFs, documents and media assets. Additionally, using AI, all assets would be automatically processed to uncover rich metadata such as transcriptions, subtitles and other relevant searching information.

Customer Needs:

- Centrally manage all file assets in one cloud-based location
- Automatically perform AI processing on all file assets using AWS Rekognition, Transcribe, Translate, Comprehend and Textract
- Internal company contributors can securely upload files and content
- Easily covert original video assets into web accessible formats to support many device types
- Provide deep search and discovery of entire content library
- Distribute outputs with low-latency and high-reliability

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NPCC Case Study

File and Content Public Portal

Solution:

Nomad's out-of-the-box features fulfilled virtually all of NPCC's goals, and the Nomad cloud-based platform made it accessible to all of their internal and external users from their remote locations. The Nomad Platform was quickly deployed, immediately usable by all in their organization, and seamlessly integrated into their existing production workflow.

Key solution features included:

- Nomad's Asset Manager and associated user security management allowed NPCC personnel to centrally manage all file content. Nomad automatically and seamlessly integrates with S3; and provides security control at a folder and file level. Within one simple interface, all media asset information is easily accessed.

- Nomad's AI/ML Management allowed NPCC to automatically uncover rich information inside each document asset and video asset including transcriptions and create subtitles. All generated metadata is then indexed and searchable.

- Nomad's Content Portal provided a secure deep search and discovery portal for all of NPCC's personnel along with their thousands of member companies and users to quickly find and download relevant content and videos.

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