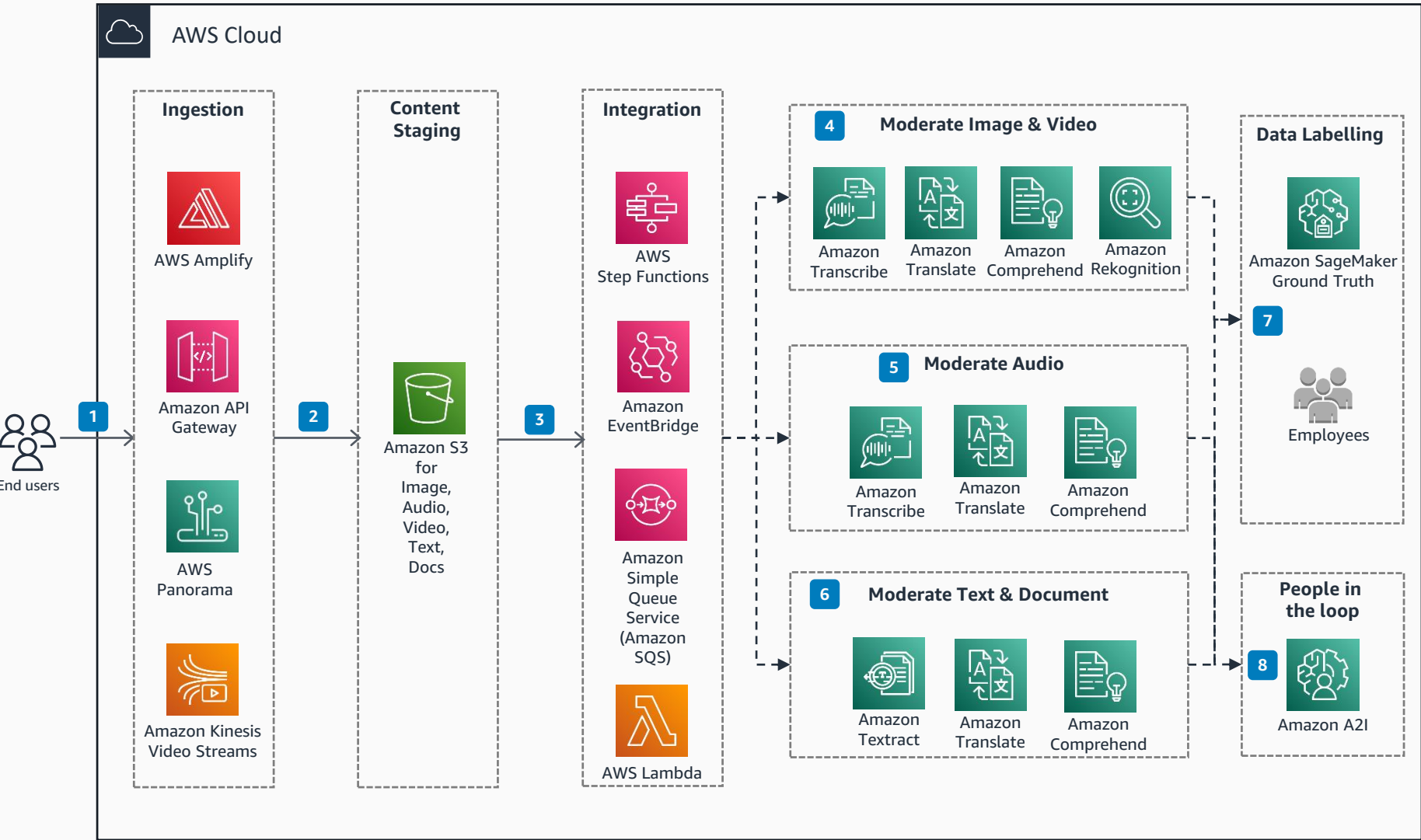


Guidance for Content Moderation on AWS

Customizable workflows for reliable, scalable, and cost-effective AI-based content moderation

A serverless architecture to efficiently moderate the increasing influx of user-contributed content and sensitive information across a broad range of industries including gaming, social media, e-commerce and regulated environments (such as health care and financial services).



- 1 Customers upload their content into the AWS Cloud.
- 2 Content moves securely into an **Amazon Simple Storage Service (Amazon S3)** bucket or another data store.
- 3 Workflows, publisher/subscription patterns, and custom code are used to moderate the content.
- 4 The audio streams within video streams are processed using **Amazon Transcribe** and **Amazon Rekognition**, and content moderation categories are extracted using simple APIs.
- 5 **Amazon Transcribe** is used to convert audio into text, alongside natural language processing (NLP) with **Amazon Comprehend**.
- 6 **Amazon Textract** is used to extract content, with **Amazon Comprehend** natural language processing then used to moderate content.
- 7 Employee input helps customize model vocabularies and image labels using **Amazon SageMaker Ground Truth**.
- 8 Bring people into the loop for scenarios that aren't fully automatable using **Amazon Augmented AI (Amazon A2I)**.

