

# Specialty pharmaceutical company partners with Medidata Acorn AI Commercial Data Solutions to speed successful launch of critical neurological medication

## ABOUT THE CUSTOMER

Specialty pharmaceutical company committed to discovering solutions that enhance the lives of people with rare and severe neurological diseases.

## THE CHALLENGE

For specialty pharmaceutical companies, understanding patient needs and driving adoption of new and novel treatments can be uniquely challenging. To improve rollout of a medication for treatment-resistant neurological conditions, a global specialty pharmaceutical company had to overcome a lack of understanding by healthcare providers, as well as by potential patients and caregivers who would receive the treatment. In addition, the company continues to work closely with insurance companies to ensure proper payment authorizations.

“A major challenge for us is collecting and organizing data from many sources,” says the director of business analytics and sales operations at the specialty biotech. “We need a way to reliably capture and securely manage physician, patient, insurance, and other data to empower our marketing and field teams to improve patient access worldwide to our neurological medication.”

To address the challenges, the company chose to partner with Medidata Acorn AI Commercial Data Solutions. The capabilities Acorn AI’s Commercial Data Solutions team brings through agile data management, in-depth analytics, and timely, accurate insights enable manufacturers to better educate physicians, patients, and caregivers while simultaneously boosting insurance authorizations—all of which drastically improve patient access to therapy.

THE BUSINESS POTENTIAL IS TREMENDOUS, WITH THE MARKET FOR THE TREATMENT EXPECTED TO EXCEED

**\$1B**

**ESTIMATED**  
**in peak**  
**year sales**

## SOLUTION HIGHLIGHTS

- Advanced analytics empower global field teams with insights to more accurately target healthcare providers, patients, and caregivers
- Market Access gains more complete view into insurer authorizations and denials to help get patients on therapy more quickly
- Acorn AI automation allows IT staff to focus on higher-priority challenges

For more information, go to [acornai.com](https://acornai.com)

Questions? Email us at [contact-us@acornai.com](mailto:contact-us@acornai.com)

## THE SOLUTION

With a focus on delivering tailored and focused insights across the company, Acorn AI deployed STRATA®, a cloud-based, end-to-end, commercial data management solution that forms the foundation of the company's data insights environment. STRATA automates the ingestion, quality assurance, application of business rules, and syndication of data from more than 300 sources, such as customer reference management software and other systems with information about prescribing activities, patient inquiries, insurance payments, product distribution, and other details. "Using this data gives us a more complete picture of physicians and patients and the best strategies to improve access to treatment," says the director of business analytics and sales operations at the specialty biotech.

Acorn AI anonymizes individual patient data through tokenization and supports compliance standards including HIPAA and GDPR, which is essential as the company introduces the treatment in Europe. In addition to STRATA, the company will leverage Acorn AI's innovative reporting solution, LUMEN Insights™ which has the capability to create guided narratives for field teams to follow, increasing their efficiency and effectiveness, and giving back, on average, 30-45 minutes daily to field reps to focus on physician interaction instead of searching for data.

The combination of STRATA data management and LUMEN Insights provides the company's marketing and field teams with the flexibility to gain deeper insights into data and understand activities impacting prescribing, authorizations, and patient use. "We need to ensure streamlined market access to our treatment and determine the most effective ways to reach patients and their caregivers with relevant, timely information about product safety, use, and benefits," explains the director of business analytics and sales operations at the specialty biotech.

The company can now search its large data repository to learn more about patients on any neurological medication, those who submitted insurance claims with specific diagnosis codes, and subsequent actions by insurers. Through the insights, the company can continually tailor its outreach and education strategies to reach patients, drive prescription growth, and increase payments.

"STRATA integrates information across sources and LUMEN empowers us to take action on it to support product sales across North America," explains the director of business analytics and sales operations at the specialty biotech. "We can see how factors such as prescriber networks and our marketing efforts influence prescribing, filling, and payments. Acorn AI solutions bring together key systems and information to benefit our teams company-wide."

## STRATA for Commercial Data Management and LUMEN Insights for timely alerts, segmentation, and messaging

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Says Director, Business Analytics & Sales Operations, Specialty Pharmaceutical Company

## THE RESULTS

Before launching its neurological medication, one of the last things the specialty biotech company wanted to worry about was completeness, accuracy, and security of its data pipeline. “With Acorn AI, we’ve already seen several benefits to the business as we look to expand access to treatment across regions,” says the director of business analytics and sales operations at the specialty biotech. “The business potential is tremendous, with the market for the treatment expected to exceed more than \$1 billion in peak year sales.”

The company’s field sales teams rely on STRATA and LUMEN to achieve a deeper understanding of the healthcare providers and patients in their areas. With the analytics-driven insights, managers can hone in on the groups they need to focus on—and the best strategies to take—to improve access to medication.

The company’s field teams can now identify physicians actively prescribing the treatment or those with larger populations of patients who might benefit from the medication. They can also delve deeper into any possible reimbursement issues from insurers, as well as use anonymous patient data to better engage more directly with potential patients and their caregivers.

With improved access to and analysis of physician, insurer, and patient data, the company is removing barriers to entry by working more closely with groups to educate them about the value of the treatment and ways to access it. The deeper insights also translate into greater success at helping patients currently using the medication maintain adherence to their treatment to support better outcomes.

In addition, the insights help the company avoid investing time and resources on people unlikely to need its neurological product. Another advantage of partnering with Acorn AI is the time savings for in-house IT staff. Instead of having to troubleshoot issues such as vendor agreements and data exception management, Acorn AI automation allows staff to focus on higher-priority challenges.

“Acorn AI offers a powerful combination of proven solutions, industry experience, and an implementation methodology,” explains the director of business analytics and sales operations at the specialty biotech. “Data is now captured and presented in a way that is actionable and delivers true value to our company, healthcare providers, and patients.”



Finding Patients



Initiating Therapy



Maximizing Adherence