



Cheyenne Holdings Accelerates Innovation with NSOffice.AI, Powered by Claude



Impact At A Glance



30%

Productivity uplift



50%

Faster engineering
research & analysis



3x Fast

Faster technical
decision-making




Our team has started using NSOffice.AI and we are very pleased. Good tools, great speed, thorough answers, well researched, logical presentation of derivations and especially useful is comparative analysis of alternate solutions. Overall, NS Office is a game changer for us and look forward to incorporating it in other areas.

– Pat Rugg, President & CEO, Cheyenne Holdings

Challenge

The organization relied heavily on engineering teams to conduct complex research, evaluate alternative technical approaches, and develop innovative solutions. However, **engineers often spent significant time gathering information, validating concepts, and comparing multiple solution pathways before reaching informed decisions.**




Cheyenne Holdings evaluated AI platforms that reduced research cycles while producing verified, decision-ready outputs. **Public AI tools presented concerns around intellectual property protection, data privacy, and the risk of proprietary research** being incorporated into broader AI training datasets.

The organization needed a secure AI platform capable of supporting advanced engineering reasoning, accelerating research workflows, and safeguarding sensitive innovation efforts.

Solution

Cheyenne Holdings deployed NSOffice.AI, powered by Claude, to accelerate engineering research and innovation within a secure private AI environment. The platform enabled engineers to rapidly investigate complex technical challenges, evaluate hypothetical solutions, compare alternative approaches & generate structured research insights. Providing a dedicated private deployment, NSOffice.AI ensured that proprietary knowledge, intellectual property, and potential patent concepts remained fully protected while empowering teams to innovate with confidence.

Key Highlights

- **Accelerated Engineering Research:** Reduced the time spent on technical research and analysis by enabling AI-assisted knowledge discovery, reasoning, and comparative evaluation.
 - **Secure IP Development:** A private, governed AI environment that allowed teams to research, innovate, and develop proprietary concepts while maintaining full control over sensitive information.
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- **Faster Innovation Cycles:** Enabled engineering teams to explore hypotheses, validate concepts, and assess potential solutions more rapidly during the early stages of development.
- **Enterprise AI Adoption:** Established a secure and auditable framework for AI usage, ensuring that research outputs, intellectual property, and organizational knowledge remained protected.

Conclusion

NSOffice.AI powered by Claude enabled Cheyenne Holdings to accelerate engineering research, innovation, and technical decision-making. The platform empowered teams to explore complex problems and potential patent opportunities more efficiently while ensuring that proprietary knowledge remained fully protected and under organizational control.

