



ConRes
IT SOLUTIONS



A 4 Part Strategy for **Successful AI Implementation**

With the potential to shape your organization's future, AI is no longer a luxury; it is a necessity for remaining competitive in an ever-shifting environment.

What does a holistic approach look like?

Based on the [Cisco AI Readiness Index](#), more than 60% of companies acknowledge they have a year or less to roll out their AI strategy to avoid substantial negative business consequences from lagging behind.

A holistic investment in AI goes beyond just purchasing technology. It involves a comprehensive approach that includes investing in talent, processes and infrastructure to ensure AI's successful integration and sustainability within your organization. This means allocating resources for continuous training and upskilling your workforce to ensure they are adept at using AI tools and understanding their implications.

It also involves establishing robust data management and governance practices to maintain the quality and integrity of the data used for AI. Furthermore, a holistic investment includes developing a culture of innovation where cross-functional teams collaborate and leverage AI to drive business outcomes. By adopting this comprehensive approach, organizations can fully realize the transformative potential of AI and achieve long-term success.

Getting your AI strategy in place is time-sensitive across most industries—and you can meet this deadline by first understanding how your timeline will operate.



Timeline Overview



Planning phase
(0-2 months)



Data preparation phase
(2-5 months)



**Infrastructure and model
implementation phase**
(5-9 months)



Deployment phase
(9-12 months)

Planning phase (0-2 months)

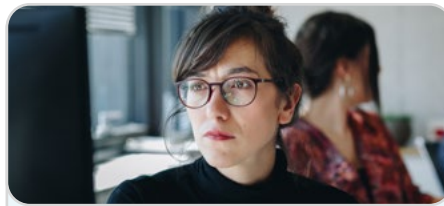
Think of this phase as setting the foundation for your AI journey. Just as an architect meticulously plans every detail before construction, this phase is about laying a solid groundwork by understanding your AI needs and goals. A thorough internal analysis marks the beginning of your timeline to understand the specific AI needs, applications and use cases that address the challenges or opportunities within your organization.

Actions



Identify AI opportunities:

- Conduct workshops with key stakeholders to identify potential AI use cases
- Analyze which business processes and functions can be enhanced through AI
- Prioritize use cases based on impact and feasibility



Assess data and infrastructure:

- Evaluate the current state of your data assets, including quality, availability and gaps
- Review existing infrastructure to determine compatibility with AI technologies



Define success metrics:

- Establish clear benchmarks and KPIs to measure the success of AI implementation
- Conceptualize long-term goals and create a roadmap for achieving them

Outcomes

- A detailed AI strategy document outlining prioritized use cases, required data and success metrics
- Initial stakeholder buy-in and alignment on AI objectives



Data preparation phase (2-5 months)

This phase is like organizing your workspace before starting a major project. Having clean, accessible and well-organized data is crucial for AI success. Artificial intelligence is only as good as the data you provide. This phase involves centralizing and preparing your data to ensure it is ready for AI model training and deployment.

Actions



Data inventory and mapping:

- Create a comprehensive inventory of all data sources within the organization
- Map data flows and identify silos that need to be integrated



Enhance data assets:

- Augment internal data with external data sources (e.g., public domain data) to enrich AI models
- Implement data governance policies to maintain data quality and security



Data cleaning and transformation:

- Clean and preprocess data to ensure it is accurate, complete and consistent
- Transform data into formats suitable for AI models

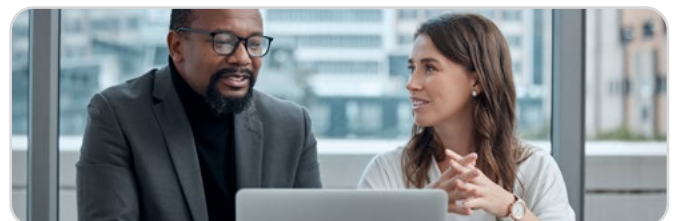


Centralize data storage:

- Move siloed data to a centralized storage solution
- Ensure sensitive data is stored securely and complies with data protection regulations

Outcomes

- A centralized, clean, and well-documented data repository ready for AI model training
- Improved data governance practices and policies



Infrastructure and model implementation phase (5-9 months)

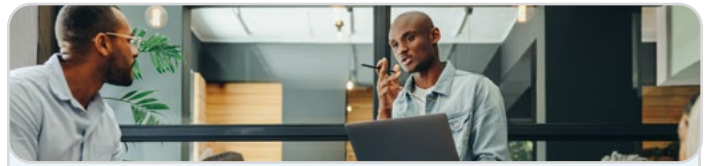
This phase equips your team with the right tools and resources for the job. Whether building in-house or using third-party solutions, it is about setting up the necessary infrastructure and developing AI models tailored to your organization's needs.

Actions



Infrastructure assessment and investment:

- Properly size infrastructure requirements for compute, network and storage
- Invest in hardware and software solutions that integrate with your existing technology stack



Model development and training:

- Build and train AI models in-house or select third-party pre-trained models
- Ensure models are trained on relevant and high-quality data to achieve desired outcomes



Pilot testing:

- Conduct pilot tests to validate model performance and make necessary adjustments
- Gather feedback from pilot users and refine models accordingly

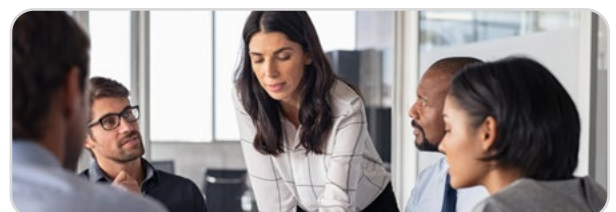


Centralize data storage:

- Develop integration plans to embed AI models into existing workflows and systems seamlessly
- Ensure compatibility and interoperability between AI solutions and infrastructure

Outcomes

- A robust AI infrastructure capable of supporting scalable AI applications
- Trained and validated AI models ready for deployment



Deployment phase (9-12 months)

This phase brings everything together and goes live with your AI initiatives. After months of preparation and testing, it is time to integrate your AI models into production and ensure they deliver value to your organization.

Actions



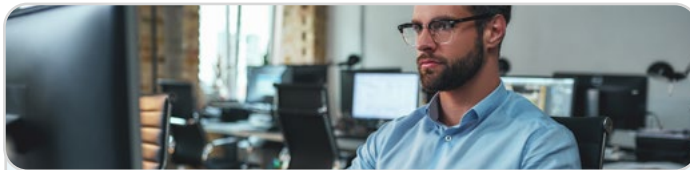
Deployment planning:

- Review AI goals and update deployment plans based on changes in business needs
- Develop detailed rollout plans, including timelines, resource allocation and risk management



Integration and testing:

- Integrate AI models into production environments
- Conduct thorough testing to ensure models perform as expected in real-world scenarios



Change management:

- Facilitate training and support for end-users to ensure smooth adoption
- Establish feedback loops and open channels of communication between IT and cross-functional teams



Continuous monitoring and improvement:

- Implement monitoring systems to track AI model performance and identify issues
- Continuously refine models based on feedback and changing business requirements

Outcomes

- Successful deployment of AI models into production environments
- Established processes for ongoing monitoring, maintenance and improvement of AI solutions





About **ConRes** AI Solutions

By following this detailed timeline, your organization can effectively implement an AI strategy within one year, allowing you to capitalize on AI's transformative potential.

ConRes is here to guide you every step of the way, offering expert project consulting, tailored solution development, and seamless deployment. Our extensive AI ecosystem can ensure you work with the right partners and see that your AI strategy is executed with precision and success.

To learn how you can help your organization adopt an AI strategy and how ConRes can provide support, contact us at solutions@conres.com.