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Industrial Metaverse

Create a Connected Enterprise

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Metaverse

The need for the solution

Businesses are striving to become more resilient to adapt to various changes and rising uncertainties. Enterprises are optimizing their value chain across products, people or processes. The metaverse blurs the line between the physical and digital worlds, offering new ways to experience and interact with reality.

An industrial metaverse can bring together all aspects of the industrial ecosystem into a single virtual space, leading to a more connected, efficient and sustainable future. It has the potential to address some of the key challenges like training of distributed workforce, interaction between employees, predictive analytics in smart factory and many more.

Industrial Metaverse

Metaverse is not a homogenous system. It encompasses an ecosystem consisting of diverse tools, technologies, and use cases. We foresee only a subset of these tools, technologies, and use cases are applicable to industrial enterprises. This leads to the need for an industrial metaverse.

An industrial metaverse is tailored to address specific challenges faced by industrial companies in their operations, workforce, and customer interactions. We envision the industrial metaverse as In-A-Verse. It is a realm connecting industrial ecosystems in virtual space.

Key functional features

- Simulate industrial environment
- Digital Twin of products
- Immersive interaction
- Persistent multi-party collaboration
- User access management
- Customize avatar

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Improving resilience via In-A-Verse

Key use cases for industrial metaverse

HYPER IMMERSIVE EXPERIENCES

- Product demonstration
- Product museum
- Virtual events

and many more...

HUMAN-MACHINE INTERACTION

- Digital twin
- Simulate operations
- Maintenance & inspection

and many more...

MEET ME IN THE SPACE

- Multi-party collaboration
- Virtual office
- Remote assistance

and many more...

INTERACTIVE LEARNING CENTRE

- Skill training
- New user onboarding
- Learning centres

and many more...

Advantages of using In-A-Verse

- Rapid prototyping
- Reduced implementation time
- Reusable themes and templates
- Proof of value in 100 days
- No vendor lock-in
- Scalable across use cases

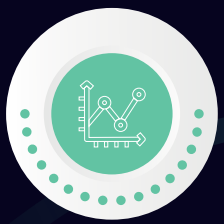
We can help you with

Use case and roadmap

- Discovery of use cases
- Alignment with business roadmap

Business value

- Identify benefits & KPIs
- Determine return on investment



Solution creation

- Proof of value
- Agile development

Platform selection

- Platform comparison matrix
- Device feature matrix framework

Accelerator

- Pre-built components
- Reduce time to market

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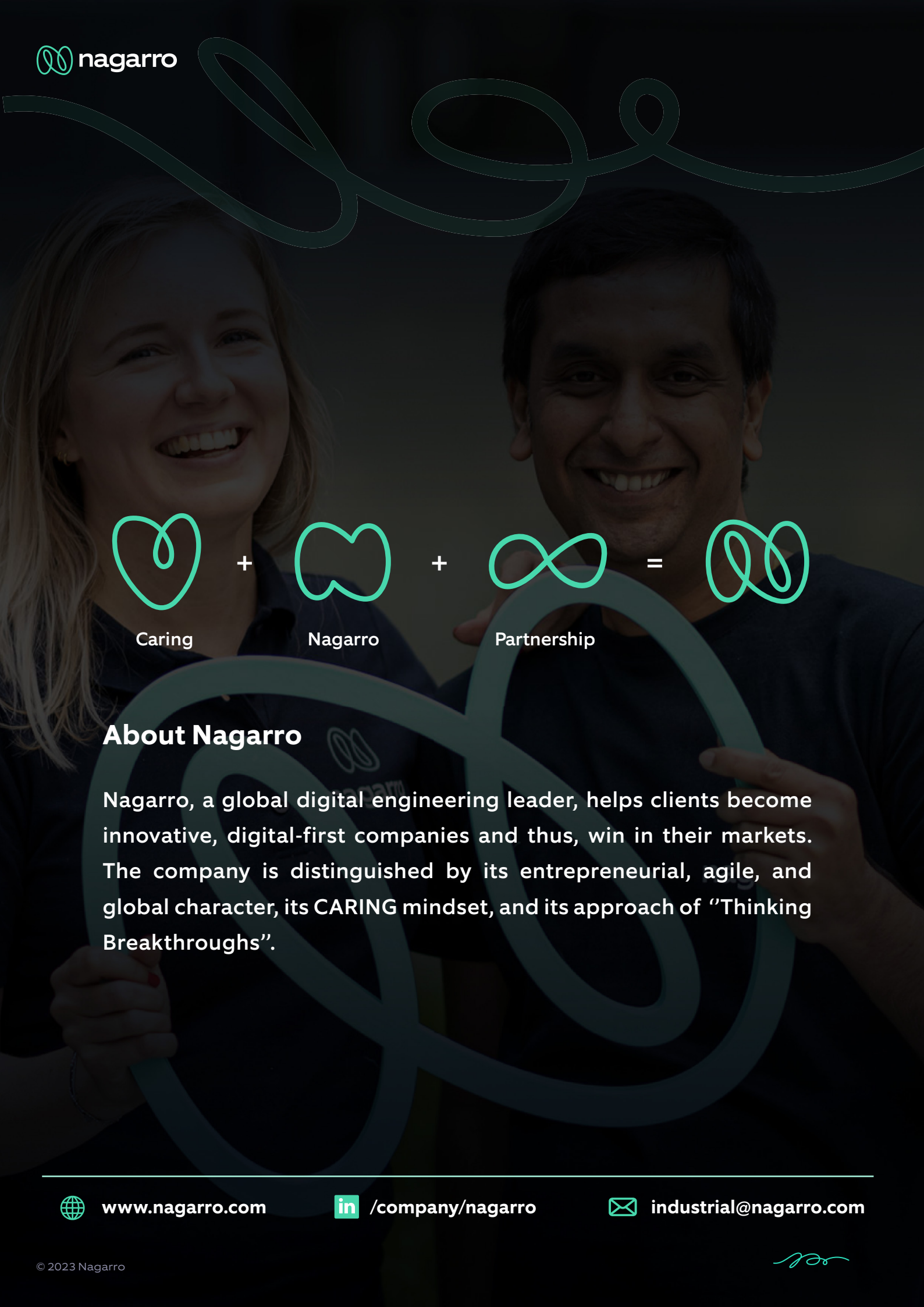

Caring + Nagarro + Partnership =

About Nagarro

Nagarro, a global digital engineering leader, helps clients become innovative, digital-first companies and thus, win in their markets. The company is distinguished by its entrepreneurial, agile, and global character, its CARING mindset, and its approach of "Thinking Breakthroughs".

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