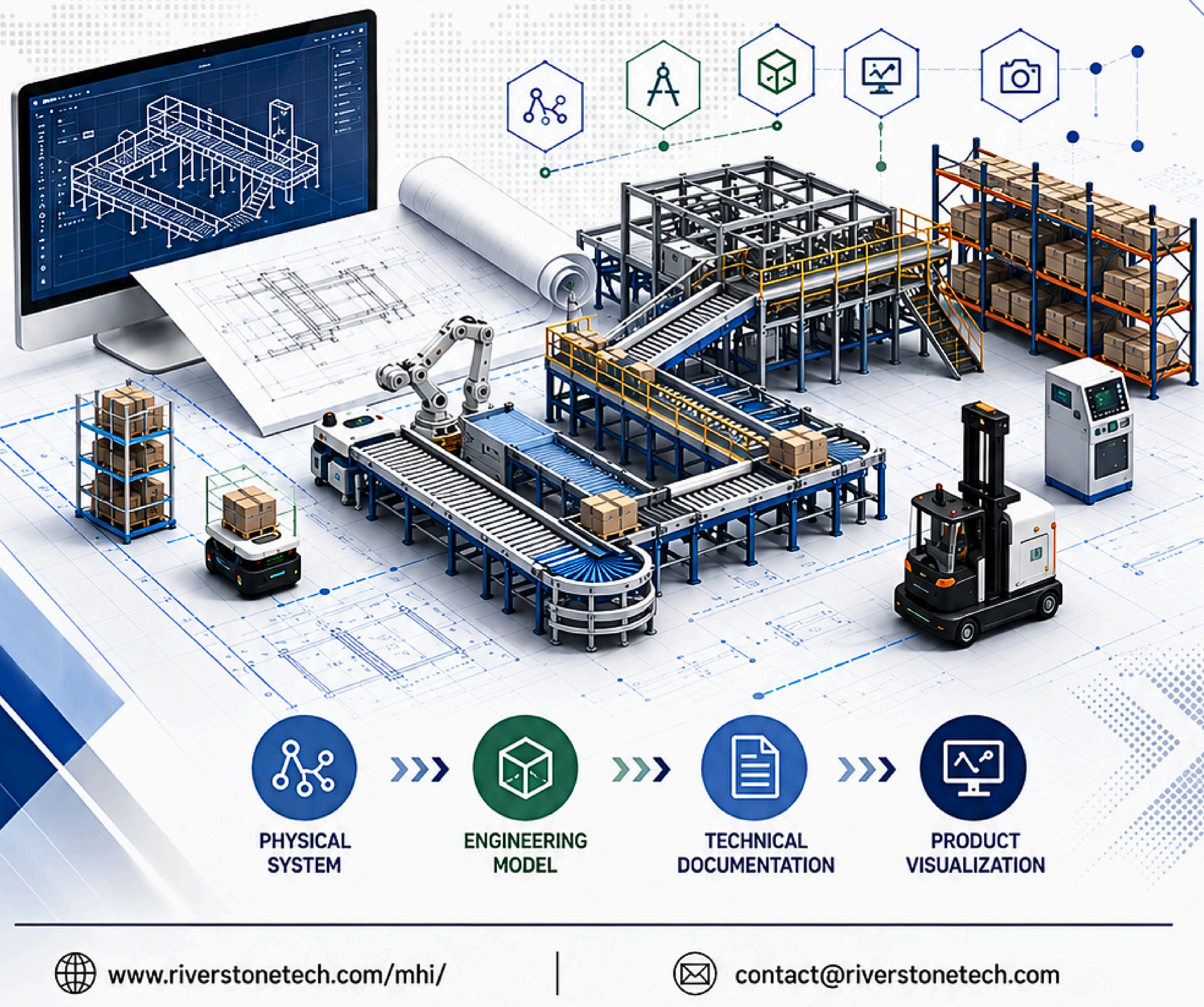
Riverstone

Solution Portfolio

Engineering Solutions for the Material Handling Industry

Solution Mapping | Engineering Design | BIM & CAD | 3D Modeling | Product Visualization



PHYSICAL SYSTEM → ENGINEERING MODEL → TECHNICAL DOCUMENTATION → PRODUCT VISUALIZATION

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Riverstone

Our Approach

From Concept to Project Delivery

Riverstone supports Material Handling companies across the engineering lifecycle.

01 | Customer Requirement
Understand the project need.

02 | Solution Mapping
Create concepts and system layouts.

03 | Engineering Design
Develop the required engineering.

04 | 3D Modeling
Create accurate product and system models.

05 | BIM & CAD
Prepare project and manufacturing documentation.

06 | Product Visualization
Create visuals for sales and customer presentations.

Flexible Support
Use one solution or combine multiple solutions based on project needs.

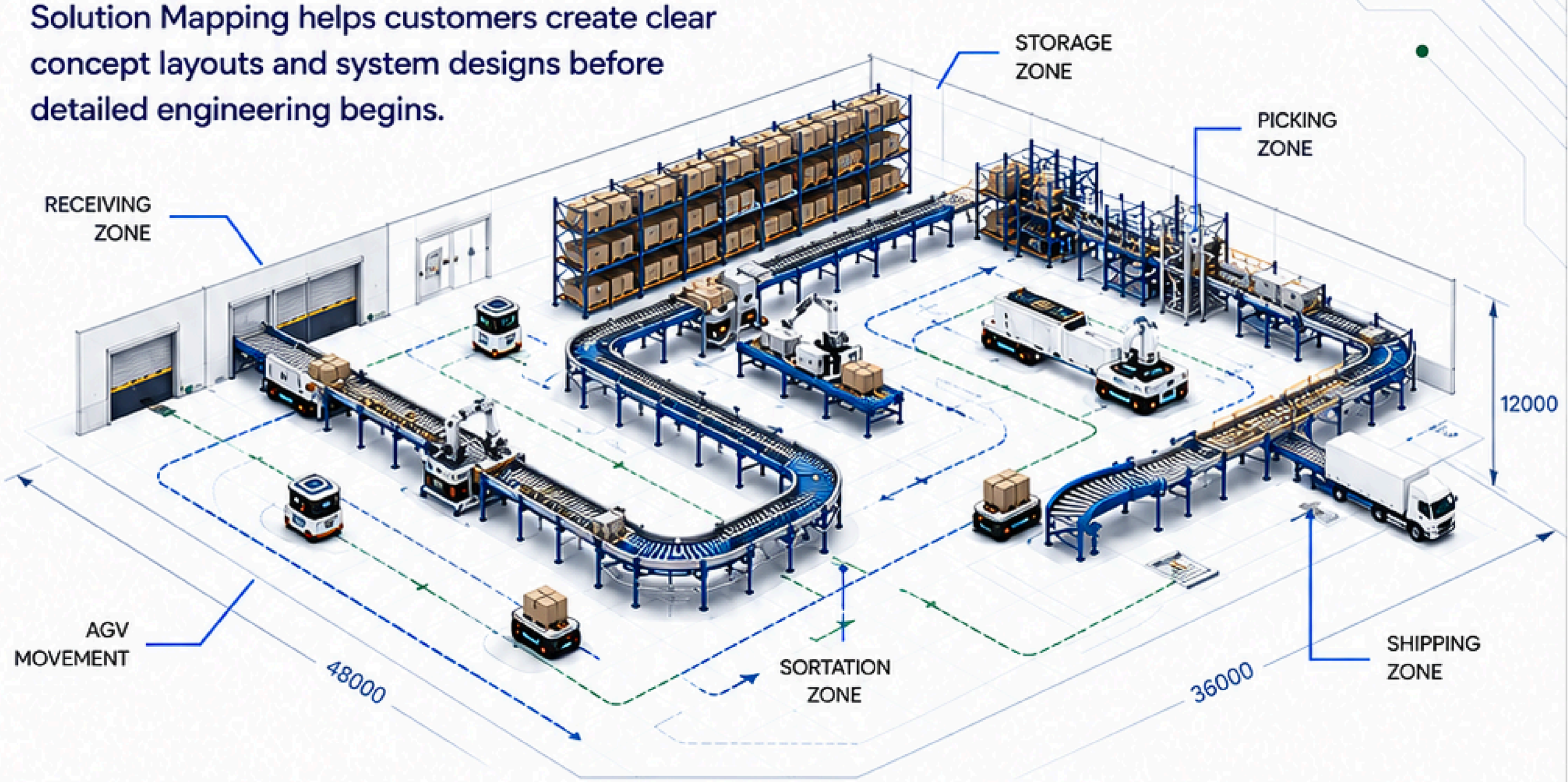
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Riverstone

Solution Mapping

Turn Requirements into Clear Concepts

Solution Mapping helps customers create clear concept layouts and system designs before detailed engineering begins.



Services

- Concept Layouts
- System Layouts
- Proposal Drawings
- Workflow Diagrams
- Equipment Placement

Business Benefits

- Faster proposal preparation
- Better customer presentations
- Improved communication
- Reduced design revisions

Example

Warehouse Automation Proposal

A warehouse automation company is preparing a proposal for a new distribution centre.

Riverstone creates a concept layout showing conveyors, storage systems and AGVs.

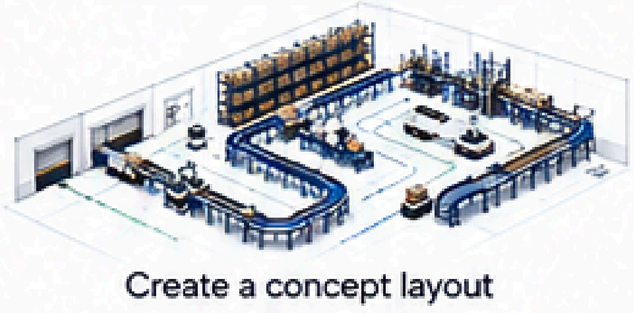
This helps the sales team explain the proposed solution to the customer.

Customer Requirement



Understand the warehouse requirement.

Concept Layout



Create a concept layout and system design.

Clear Proposed Solution



Present the proposed solution with clarity and confidence.

Best Suited For

- Warehouse Automation Companies
- System Integrators
- Conveyor Manufacturers

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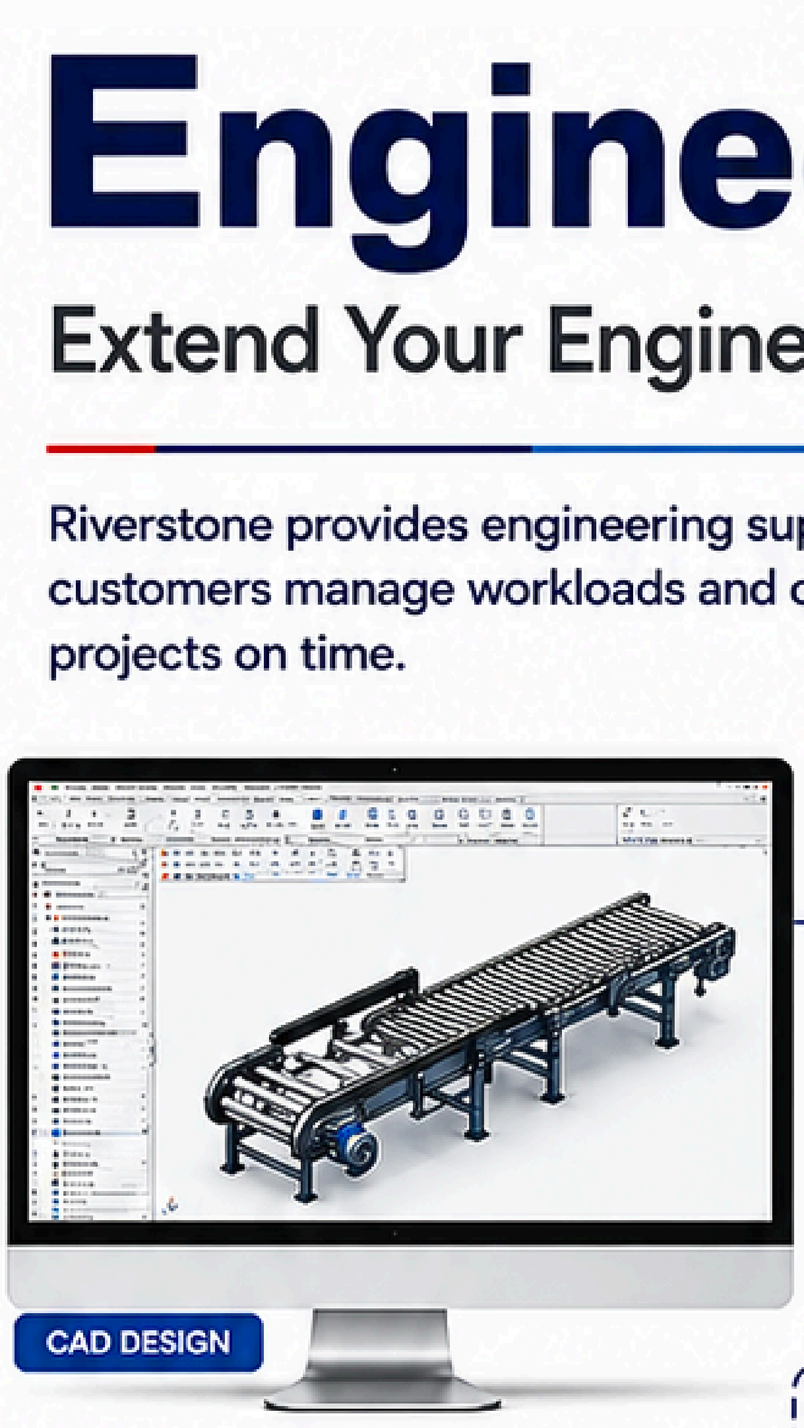
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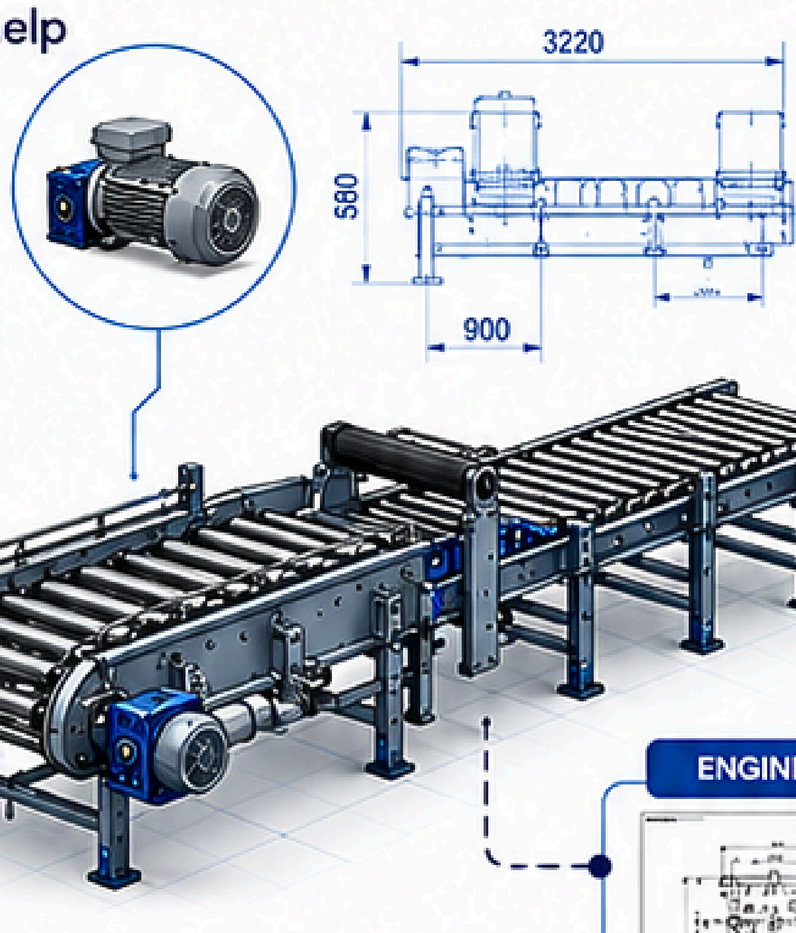
Engineering Design

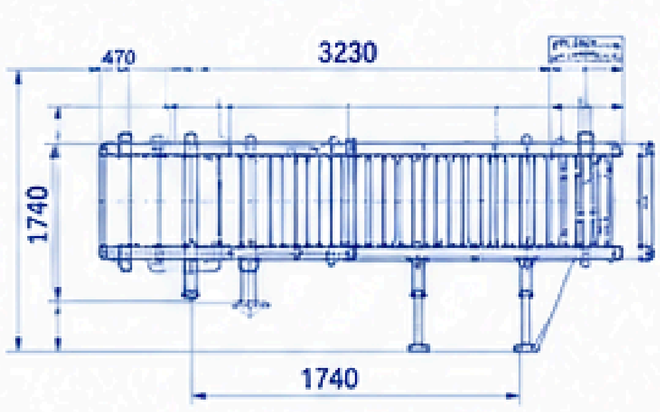
Extend Your Engineering Capacity

Riverstone provides engineering support to help customers manage workloads and complete projects on time.

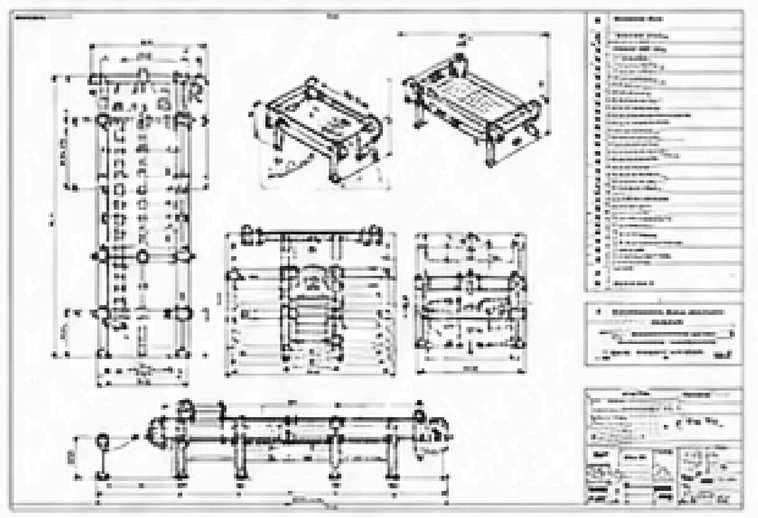


CAD DESIGN





ENGINEERING DRAWINGS



DESIGN SUPPORT

- Detailed engineering
- Design validation
- Component detailing
- Assembly integration

Services

- Mechanical Design
- Product Design
- Design Support
- Design Improvements
- Engineering Documentation

Business Benefits

- Increased engineering capacity
- Faster project completion
- Reduced engineering backlog
- Flexible resource support

Example

Conveyor Manufacturing Project

A conveyor manufacturer receives several new orders at the same time.

Riverstone supports the internal engineering team with mechanical design work to help meet project deadlines.

New Orders → Multiple new orders increase workload.

Engineering Workload → Internal team faces high engineering load.

Riverstone Support → We extend engineering capacity with skilled design support.

Project Deadline → Projects completed on time.

Best Suited For

- Conveyor Manufacturers
- Storage & Racking Companies
- AGV Manufacturers

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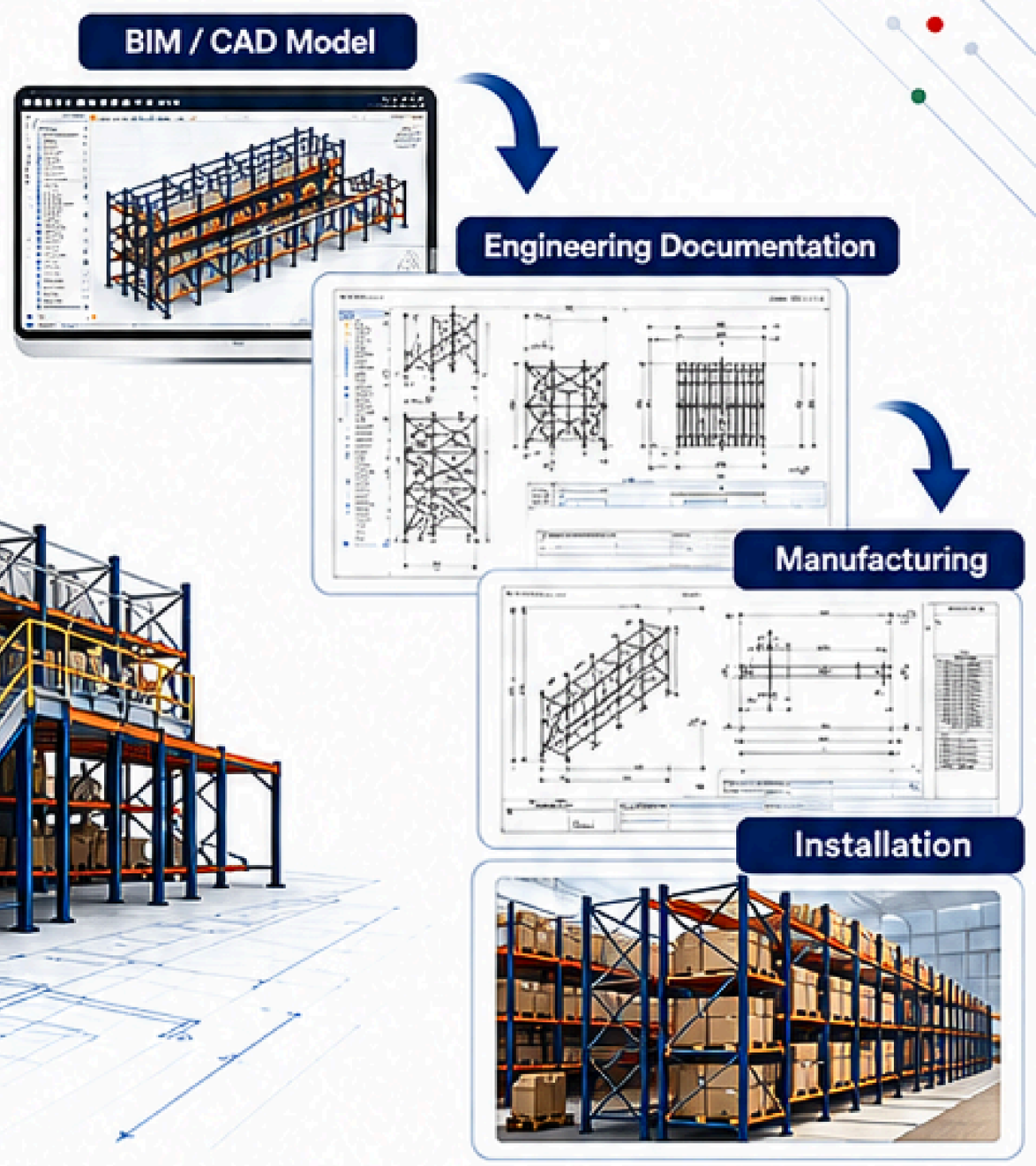
Riverstone

BIM & CAD Services

Create Accurate Project Documentation

Riverstone prepares engineering documentation for manufacturing, installation and project execution.





Services

- CAD Drafting
- BIM Modeling
- Manufacturing Drawings
- Installation Drawings
- As-Built Drawings

Business Benefits

- Faster documentation
- Improved drawing quality
- Reduced engineering workload
- Consistent project documentation

Example

Warehouse Project

A storage and racking manufacturer completes a warehouse design.

Riverstone prepares the manufacturing and installation drawings to support project execution.

Warehouse Design → Manufacturing Drawings → Installation Drawings → Project Execution

Best Suited For

- Storage & Racking Companies
- System Integrators
- Warehouse Automation Companies

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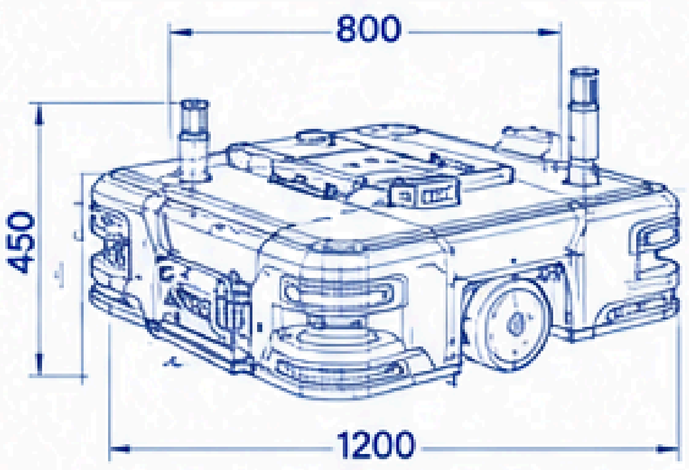
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Riverstone

3D Modeling & Product Visualization

Create accurate digital models and clear visuals for engineering, sales and marketing.

1. ENGINEERING MODEL



CAD model with engineering data for accurate design.

2. DETAILED 3D MODEL



Accurate 3D model for engineering, simulation and manufacturing.

3. PRODUCT VISUALIZATION



Realistic visuals for presentations, marketing and customer communication.

3D Modeling

Create Accurate Digital Models

Create digital models of products, assemblies and systems for engineering, manufacturing and sales.

Services

- Product Modeling
- Assembly Modeling
- Configurable Models
- CAD Conversion
- Design Updates

Business Benefits

- Better design accuracy
- Easier design modifications
- Improved collaboration
- Faster engineering workflows

Product Visualization

Make Products Easier to Understand

Create realistic visuals for sales, marketing, training and customer presentations.

Services

- Product Rendering
- 3D Animation
- Marketing Images
- Interactive Visuals
- Sales Presentation Graphics

Business Benefits

- Better customer engagement
- Stronger presentations
- Faster product launches
- Improved marketing materials

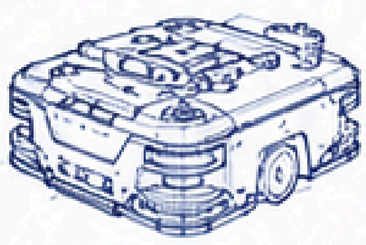
Example

AGV Product Development

An AGV manufacturer develops a new robot.

Riverstone creates the 3D model and product visuals for engineering reviews, sales presentations and marketing.

1. AGV Concept



Concept design and planning.

2. 3D Model



Accurate 3D model for engineering validation.

3. Product Visual



High-quality visuals for presentations.

4. Sales & Marketing



Clear communication for sales and marketing.

Best Suited For

- AGV Manufacturers
- Robotics Companies
- Product Manufacturers
- Sales Teams
- Marketing Teams
- Product Managers
- Business Development Teams

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Riverstone

How Our Solutions Work Together

One Project. Multiple Solutions.

Our solutions support different stages of the customer journey and can be combined based on project needs.

01 Customer Requirement



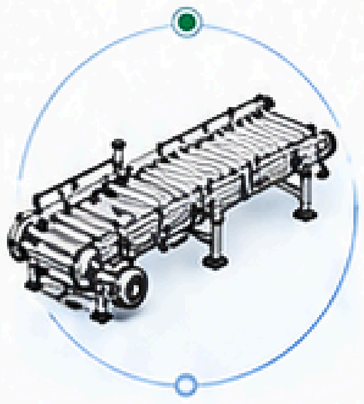
Understand the project need.

02 Solution Mapping



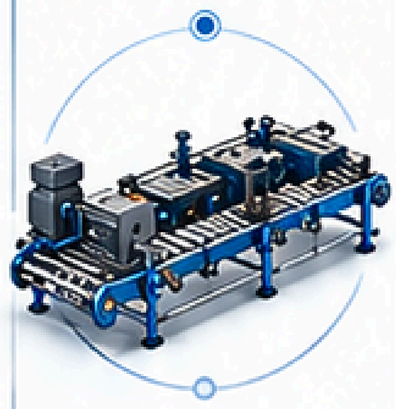
Create concepts and system layouts.

03 Engineering Design



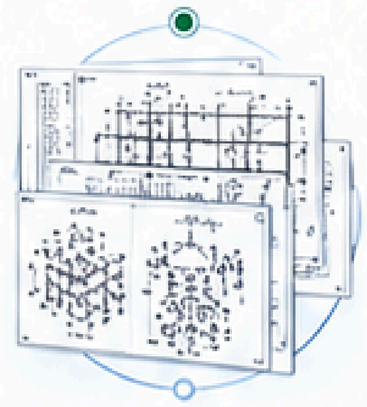
Develop the required engineering.

04 3D Modeling



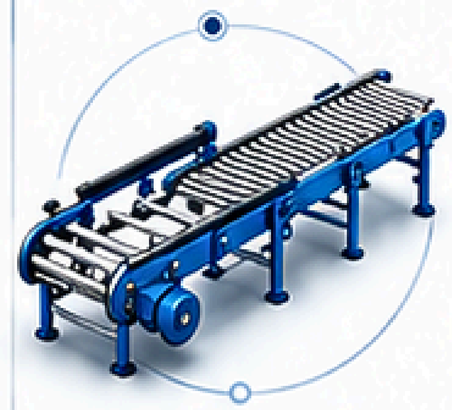
Create product and system models.

05 BIM & CAD Services



Prepare manufacturing and project documentation.

06 Product Visualization



Create visuals for sales and customer presentations.

Business Value

Better Communication

Clear concepts and visuals help teams and customers understand the solution.

Faster Engineering

Additional engineering capacity helps manage project workloads.

Better Documentation

Accurate drawings and models support manufacturing and installation.

Stronger Presentations

Professional visuals help sales teams explain complex solutions.



Flexible Support

Use one solution or combine multiple solutions based on your project needs.

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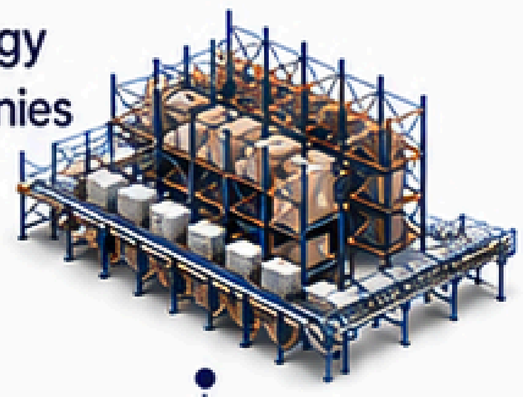
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Riverstone

Why Riverstone

Engineering Support for Material Handling

Riverstone combines engineering and technology capabilities to support Material Handling companies across the project lifecycle.





3D Modeling

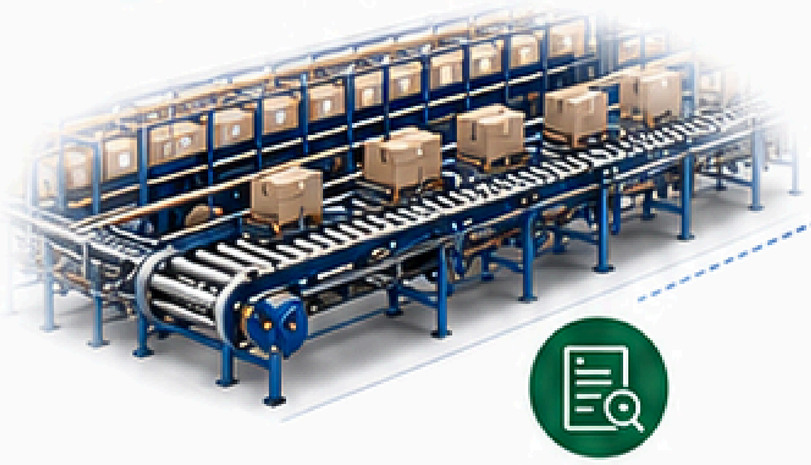


BIM & CAD Services

Riverstone

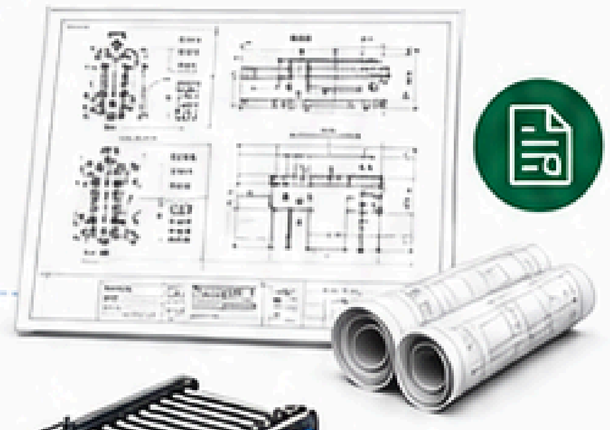
Your Engineering Partner

Engineering Design



Solution Mapping





Documentation



Product Visualization

WHY CHOOSE RIVERSTONE?

01 Engineering Expertise

Support across mechanical design, modeling and documentation.

02 Flexible Support

Use Riverstone for individual projects or ongoing engineering support.

03 Lifecycle Support

Support from concept development to documentation and visualization.

04 Quality & Timely Delivery

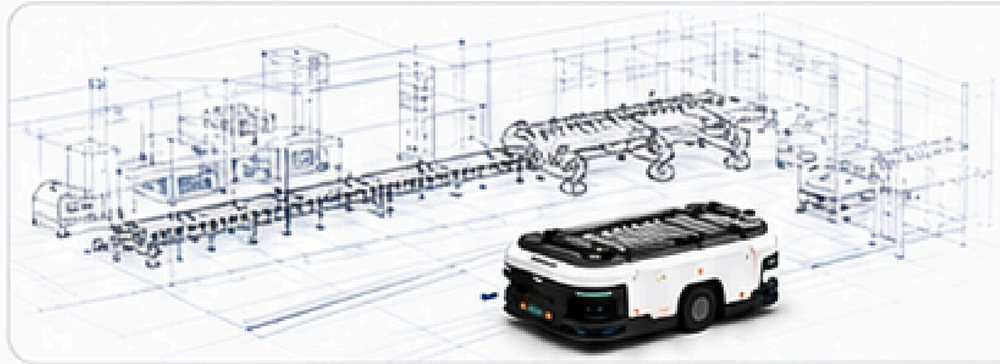
Focus on accurate work and project timelines.

05 Material Handling Focus

Solutions designed for Material Handling companies and their project needs.

06 Extended Engineering Team

Work with Riverstone as an extension of your engineering team.



Need Engineering or Visualization Support?

Talk to Riverstone.

Solution Mapping | Engineering Design | BIM & CAD | 3D Modeling | Product Visualization

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