# **NTX**Embedded

# RZ Ecosystem Partner Solution NTX Embedded SPADA SERIES



#### **Solution Summary**

Spada is a versatile HMI platform featuring pre-developed building blocks, customizable to meet application needs, optimize performance, and match the client's cost requirements.

NTX offers end-to-end design services to manufacturing expertise for rapid product launch - UI/UX, touch screen solutions, application software, middleware, controls firmware, mechanical, and system board level design.

#### Features/Benefits

- Renesas <u>RZ/G MPU</u> powered HMI platform
- High Quality TFT display
  - 50,000 hours

**Diagrams/Graphics** 

- 1,000 cd/m<sup>2</sup> available
- · Various display sizes

- · Multi-touch, high durability touch screens
- Extensive set of peripherals and I/Os
- Designed to meet various UL and IEC standards
- Fit-Form-Function customizable for OEM designs





#### **Target Markets and Applications**

- Food Service Equipment
- Industrial Automation
- Kiosks/Signage
- Security & Access Control
- Energy Service Equipment
- Medical

https://ntxembedded.com/

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# **HMI Total Solution Provider**

NTX is a leading U.S. based HMI and industrial controls supplier. NTX offers end to end services from design to manufacturing to accelerate time-to-market with proven solutions. Our products are deployed in a variety of applications from commercial cooking equipment to security and access control devices.

Our extensive design experience, coupled with an integrated supply chain and state-of-the-art manufacturing facilities, evolves your ideas to market-ready product with best-in-class elegance, performance, guality and cost.

## **Engineering & Design**



Our experts deeply immerse themselves in your product for full comprehension of its human-machine interaction needs, developing and keeping your product running the way it should.

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Scalable Performance Options

Thorough **Qualifications &** Validation Process Quick to Market Development Process

Sustained **Engineering & Product Optimization** 

## **Design Services**

Our team can provide clean sheet embedded design as well system re-engineer.



Design	<b>P</b>



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> Software Design



Quick Turnaround Prototypes



- IoT Gateway
- Controls Algorithm



- Production Test Bed
- Product Lifecycle Support

## **Manufacturing & Support**

We've matured a supply chain infrastructure with numerous long-term, upstream critical component partners.



ISO: 9001 **Certified Facilities** 

In-house PCBA & Box-built Assemblies (2 plants)

**PFMEA & DFM For Product Quality Robustness** 

Continuous

**Reliability Testing** 

**Product Life-cycle** 

Management

Software/Hardware **Updates & Enhancement** 

> **Full Product Testing & Burn-in**

**Highly Responsive Customer Service Team** 

