NKK SWITCHES

HUMAN-MACHINE INTERFACE PRODUCTS

and Custom Engineered Solutions

SMARTDISPLAY™

SMARTDISPLAY™

Before & After

The previous control system for a remotely operated vehicle (ROV) utilized standard pushbuttons spread across multiple control panels. To increase value and efficiency, configurations of 4x4 and 2x8 OLED SmartDisplay solutions were combined to create an armchair mounted control system to handle the application requirements while providing ease-of-use for operators.

Before

After

SmartDisplay Markets

NKK Markets

- Industrial Control
- Live Entertainment
- Transportation
- Automation
- Medical

Our Capabilities

- Existing System Improvements
- High-Speed PCB Design
- Schematic Design
- Firmware Programming
- Assembly
- System Testing

Application Capabilities

SmartDisplay Rocker Multi-Function Solution

- PoE Power over Ethernet
- Diagnostic Equipment
- Test and Measurement
- Control Panel

NKK provides complete design solutions from concept to production. Our team of skilled engineers offer individualized support to meet each customer's unique specifications.

Design Solutions

From single-switch solutions to full subsystems, NKK designs engineered solutions based on a customer's unique needs. Incorporating our SmartDisplay™ products, our team of engineers design subsystems to upgrade and enhance the user interface. Enabling the subsystem to easily plug into an existing system and providing a quick start-up, NKK's team of experts provide world-class support to make you look like a star!
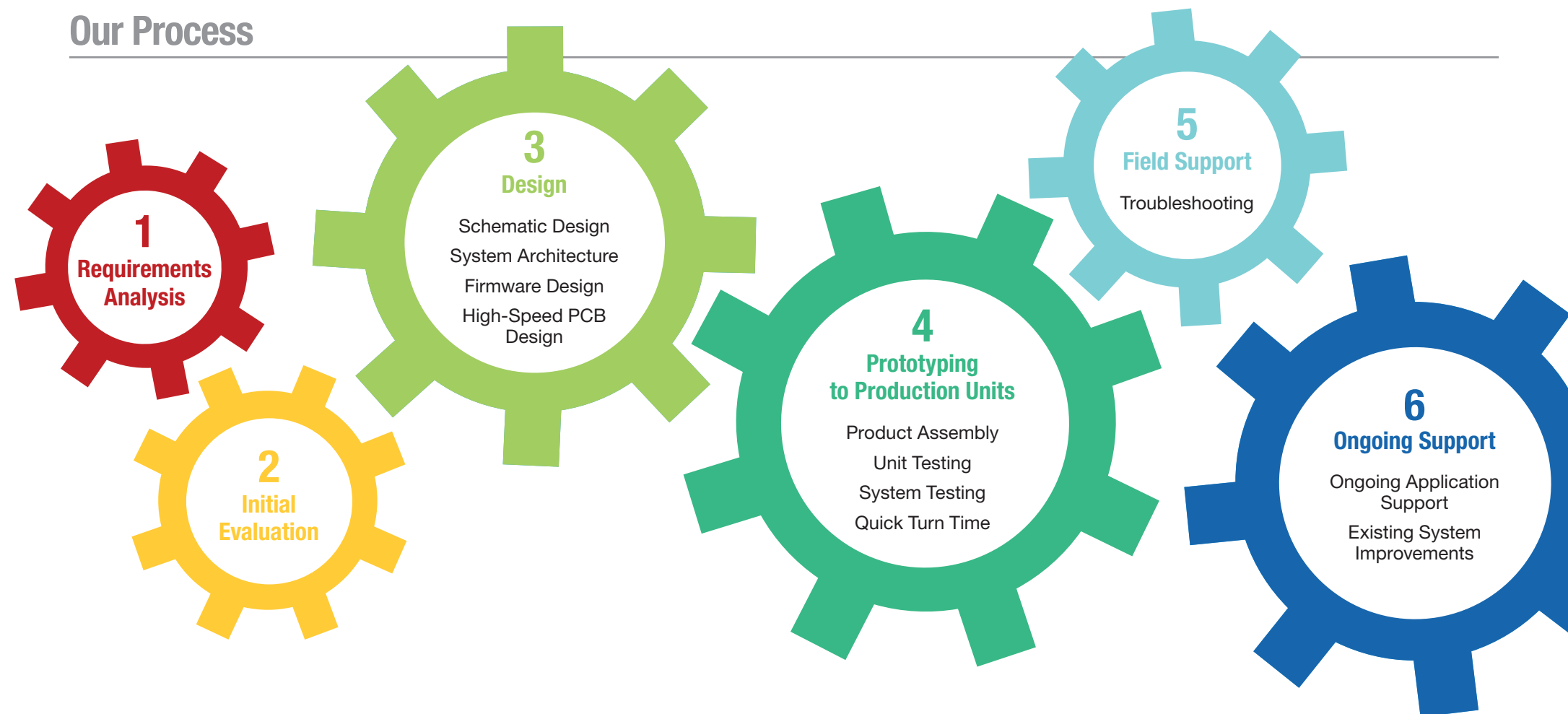
Services

- Ongoing Application Support
- System Design
- Value Added Services
- Product Assembly

Our Process

1
Requirements Analysis

2
Initial Evaluation

3
Design
Schematic Design
System Architecture
Firmware Design
High-Speed PCB Design

4
Prototyping to Production Units
Product Assembly
Unit Testing
System Testing
Quick Turn Time

5
Field Support
Troubleshooting

6
Ongoing Support
Ongoing Application Support
Existing System Improvements

SmartDisplay Price Selector

	Part Number	Description	Price Per Unit @ 100+ Units
LCD 36 x 24	IS15BBFP4RGB	LCD Switch RGB	$28.20
	IS15BSBFP4RGB	LCD Compact Switch RGB	$28.20
	IS01BBFRGB	LCD Display RGB	$25.45
	IS15BAFP4CF	LCD Switch Red/Green	$23.30
	IS15BSAFP4CF	LCD Compact Switch Red/Green	$23.30
LCD 64 x 32	IS15EBFP4RGB-09YN	LCD Switch RGB & Standard Travel	$33.90
	IS15EBFP4RGB	LCD Switch RGB & Long Travel	$33.90
	IS15ESBFP4RGB	LCD Compact Switch RGB	$33.90
	IS01EBFRGB	LCD Display RGB	$33.90
OLED	ISF15ACP4	OLED Frameless 96RGB x 64	$75.10
	ISC15ANP4	OLED Switch 64RGB x 48	$39.50
	ISC01P	OLED Display 52RGB x 36	$39.50
	IS18WWC1W	OLED Rocker 96 x 64 Mono	$45.05
MISC	IS-S0108DEM	Single Switch Solution	$99.00
	IS-SPA1X1A	Overlay, 1 x 1, Package of 2	$16.00
	IS-SPA1X2A	Overlay, 1 x 2, Package of 2	$22.00
	IS-SPA2X2A	Overlay, 2 x 2, Package of 2	$28.00

Does Your HMI Need A Refresh?

If you need to upgrade your HMI but don't have the time or resources needed, NKK can help. Contact us with your requirements and our team of experts will help.

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