

Niche Softek Pvt.Ltd		Requirement Discovery Sheet For NOK	Form No: 1.0
Discovery Date:	Case Locking applied for AVSI design & build cases with valid demos to customers only.		
End User Co and Site to Lock the case:			
AVSI Name, City, Person & Contact No.:			
Primary Functionality:		Remarks	
Data Wall: (Y/N)		Data integration in a Nok center from various PCs & Servers with AV sources. This is used when multiple PCs in a NOC Room and Server data is to be streamed on the wall. This is typically powered by a separate cable running from each panel to the controller.	
Video Wall: (Y/N)		Completely spanned video across all panels typically running media (e.g malls and media houses). This is typically powered by a looped configuration where a single cable runs from the controller to the panels and they are in turn looped.	
Display Configuration:			
No. of Columns in the matrix		Number of columns in the display matrix.	
No. of Rows in the matrix		Number of rows in the display matrix.	
No. of Total Panels (Rows x Columns):		Number of rows and columns.	
Display Size: Specify Size		46", 47", 55",60 etc are typical sizes. Specify the display size.	
Looping(Y/N):		Used when the same O/P resolution Gets spanned across all the displays, reducing the total resolution. Usually used for video walls. Never for data.	
Display Type (Make and Model Number if known):		Commercial LCD,Professional LCD,Thin Bezel,DLP Cube,Projector.NOK supports all types of displays.Choice of displays depends on the overall design.	
Display Controller:			
Infrastructure requirements are met as given:(Y/N)		It is necessary that a LAN point be available, Machine to be on UPS power supply with sufficient airconditioning to overcome the heat generated by the controller.	
Accessible from other systems over the network:(Y/N)		Confirm that the NOK controller will be on the network and will be accessible from other machines. For Streaming over network for datawalls, this is mandatory.	
Rack mount kit required?(Y/N)		Needed if mounting to be done in a equipment rack	
Redundant power supply required?(Y/N)		Used for 24x7 High Availability Installation.	
Hot Standby required?(Y/N)		Hot standby NOK m/c is needed for mission critical applications.	
Outputs of the Display controller?			
No of VGA Outputs V		To display the contents on monitor	
No of DVI Outputs D		To show high quality contents	
No of HDMI Outputs H		Used for showing High Definition contents(Video Only)	
No of Digital Ports Outputs P		Primarily used to connect a video source to a display like monitor	
Total Number of outputs (Total of V,D,H,P)		Total no.of Outputs decides the processing power needed	
Inputs to the Display controller?			
No of Composite In for capture C		DVDs and set-top-boxes connected to the processor directly by Composite cables.	
No of S Video In for capture S		S-Video(standard definition video,without audio) sources connected to processor	
No of HDMI Inputs for capture H		HDMI sources (HD Content) connected to the processor by direct cables	
No of VGA/DVI Input for capture V		VGA ports of PCs connected to the processor by direct cables	
No of DVR Capture sources on IP		Digital Video recorders work over ip network.	
DVR Makes and Models R		Necessary to ascertain if the integration will be done via browser or SDK integration.	
No of IP Camera Sources I		Digital Camera Sources are streaming over IP network.	
IP Camera Make and Models		Necessary to ascertain if the integration will be done via browser or SDK integration.	
Total No. of inputs (Total of C,S,H,V, R, I)		Total no.of Input Sources decides the processing power needed	
Servers and Desktop Streaming Source Information:			
Desktop capture over LAN required? (Y/N)		To stream user desktop/servers directly over the n/w avoiding cabling.Note:The frame rate is 6-8frames /sec.Not recommended for desktop with videos/media files.	
Windows machines(for source) W		Compatible Operating system like windows 7(32/64)bits,windows server 2003,windows server 2008.	
Non Windows machines (for source) N		Solaris/Unix,etc. NOK supports capture from VNC servers running on any hardware and OS.	
Total No. of Sources (N+W)		Higher no. of Windows/Non-Windows sources means higher processing power at the processor end	
Behind Firewall (Y/N)		Network port to be opened for Desktop Streaming	
Add-On Features:			
RSS required? Yes/No		To show live news feeds from web sites	
URL integrated on NOK player? Y/N		To show Browser applications directly on the NOK machine without streaming	
NOK Manager:			
Windows machine supplied by (AVSI/Client)		Compatible Operating system like windows 7(32/64)bits. The manager machine is needed to create layouts.	
Infrastructure requirements are met as per given?(Y/N)		It is necessary that a LAN point be available, Machine to be on UPS power supply with sufficient Airconditioning.	
Accessible from other systems:(Y/N)		Nok Manager should be accessible from other system	
Operations Management :			
Annotation required? Y/N		Used to high-light specific content on the data/video wall by drawing free hand shapes	
Tablet required?(Y/N)		Tablet allows user to move around the NOK,carry the tablet in hand for annotation & layout switching.	
Automatic Layout switching required?(Y/N)		Automatically switch the content on the Nok player after a certain duration. This can be a list of layouts switching one after the other at specific intervals	
Migrate from Current Solution		Name the OEM solution which is being used currently	
Support Methodology			
Type Of Support		Hardware, third party, remote, onsite support is provided by the integrator.	
Remote Tools used for Support		WebexTeam Viewer. MS Share, Ammy Admin, ShowmyPC.	
Name	Sign	Remarks	
Prepared By AVSI			
Reviewed By Niche			
Proposal Given by Niche			
<i>*Refer NOK datasheet for connectivity diagram</i>			