



# Video Product Requirements & Specification for Equipment Placement

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There are three components of the Lottery’s video gaming system including the Video Lottery<sup>SM</sup> Terminals (VLT), the Video Site Controller (VSC) and a Router:

### Component Definitions:

**VLT:** A player operated terminal. Terminal types are listed in the table below.

**VSC:** Control point for the video gaming system. Validates tickets for payment and provides accounting and information reporting.

**Router:** A network device used to direct electronic communication from one device on a network to another device on a network.

TERMINAL TYPE	Height (In Inches)	Width (In Inches)	Depth (In Inches)	Weight (In Pounds)	VAC	Full Load AMP
IGT Game King	75	27 (30)	25 (41.5)	300	110-122	6.0A
IGT TrimLine	75.5	27.75 (32)	23 (37)	300	110-122	6.0A
WMS Bluebird	68	27.75 (32)	25.875 (43)	323.2	110-122	4.0A
Spielo PS 5	56.5 (61)	28	33.5	400	120	3.5A
Bally C9	64.5	28.5	30.5	345	110-122	6.3A
prodiGi Vu	76.5	28 (33)	22 (34)	265	100-120	3A
Router 1721	3	11.25	8.75	2.8	120	2
Router 1841	1.75	13.5	10.5	6.41	120	1.0
VSC	17	9	20.5	9.2	105-129	2.0A

Note: Measurements in parenthesis indicates when door is open

**Ambient air temperature must be maintained between 40° – 100° F at all times.**

**Space Requirements** – Adequate space should be allowed for access to remove cash and service the terminal. An additional foot of vertical clearance for the VSC is necessary to access and change paper in the VSC printer.

**System Wiring Requirements** - The Oregon Lottery will install communication cabling from the router to the VSC and VLTs. If used, conduit for fiber optic wiring must be a minimum ½” ID with a min. bend radius of 3”.

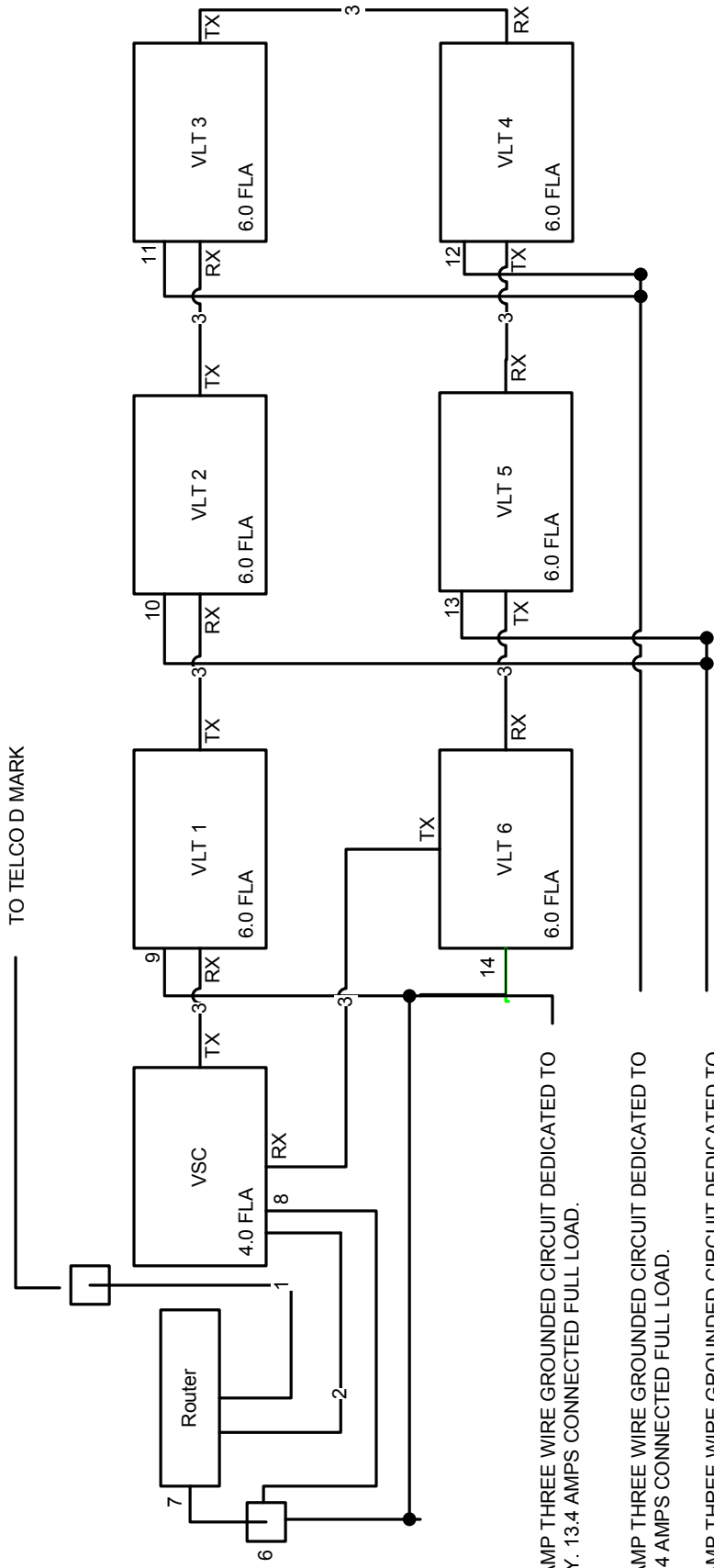
Use of a licensed electrical contractor to obtain all permits and install all electrical service wiring is strongly recommended. Unauthorized alteration, repairs or tampering with telephone, data, or electrical service may result in interrupted service and a charge for repairs.

**Input power and outlets:** Video system components require dedicated 20 amp three wire grounded standard wall outlets. The number and location of the video system components determine the number of outlets.

Your Area Coordinator will contact you to schedule a meeting with your licensed electrical contractor and Lottery representatives to plan the installation of the video gaming system.

To schedule terminal relocations, contact your Area Coordinator at 1-800-766-6789 two weeks prior to the move.

# Typical Wiring Diagram



**CIRCUIT #1**= 115 VAC 20 AMP THREE WIRE GROUNDED CIRCUIT DEDICATED TO FRAD VSC VLT #1#6 ONLY. 13.4 AMPS CONNECTED FULL LOAD.

**CIRCUIT #2**= 115 VAC 20 AMP THREE WIRE GROUNDED CIRCUIT DEDICATED TO VLT #3, VLT#4 ONLY. 13.4 AMPS CONNECTED FULL LOAD.

**CIRCUIT #3**= 115 VAC 20 AMP THREE WIRE GROUNDED CIRCUIT DEDICATED TO VLT #2, #5 ONLY. 13.4 AMPS CONNECTED FULL LOAD.

1 = TELCO DATA CONNECTION. U.T.P. 4 PAIR, CAT 5 RJ45 TO RJ45 PATCH CABLE (BY LOTTERY)

2 = PATCH CABLE U.T.P. 4 PAIR (BY LOTTERY)

3 = FIBER CABLE, HEWLETT PACKARD # HFBR-RUS. STANDARD ATTENUATION (POF), UNCONNECTED. SIMPLIS CABLE. TRANSMIT CONNECTOR # HFBR-4501 GRAY, RECEIVE CONNECTOR # HFBR 4511 BLUE. TX= TRANSMIT DATA RX= RECEIVE DATA

6 = ISOBAR TRANSIENT VOLTAGE SURGE SUPPRESSER MODEL #ISOBAR 4 ULTRA

7 8 = EQUIPMENT SUPPLIED WITH A 115 VAC 15 AMP NEMA 5-15P THREE

9 10 WIRE GROUNDING CORD. INSTALL ONE, 115 VAC 20 AMP NEMA 520R

11 12 DUPLEX RECEPTACLE NO FURTHER THAN FIVE FEET FROM EACH

13 14 EQUIPMENT

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