

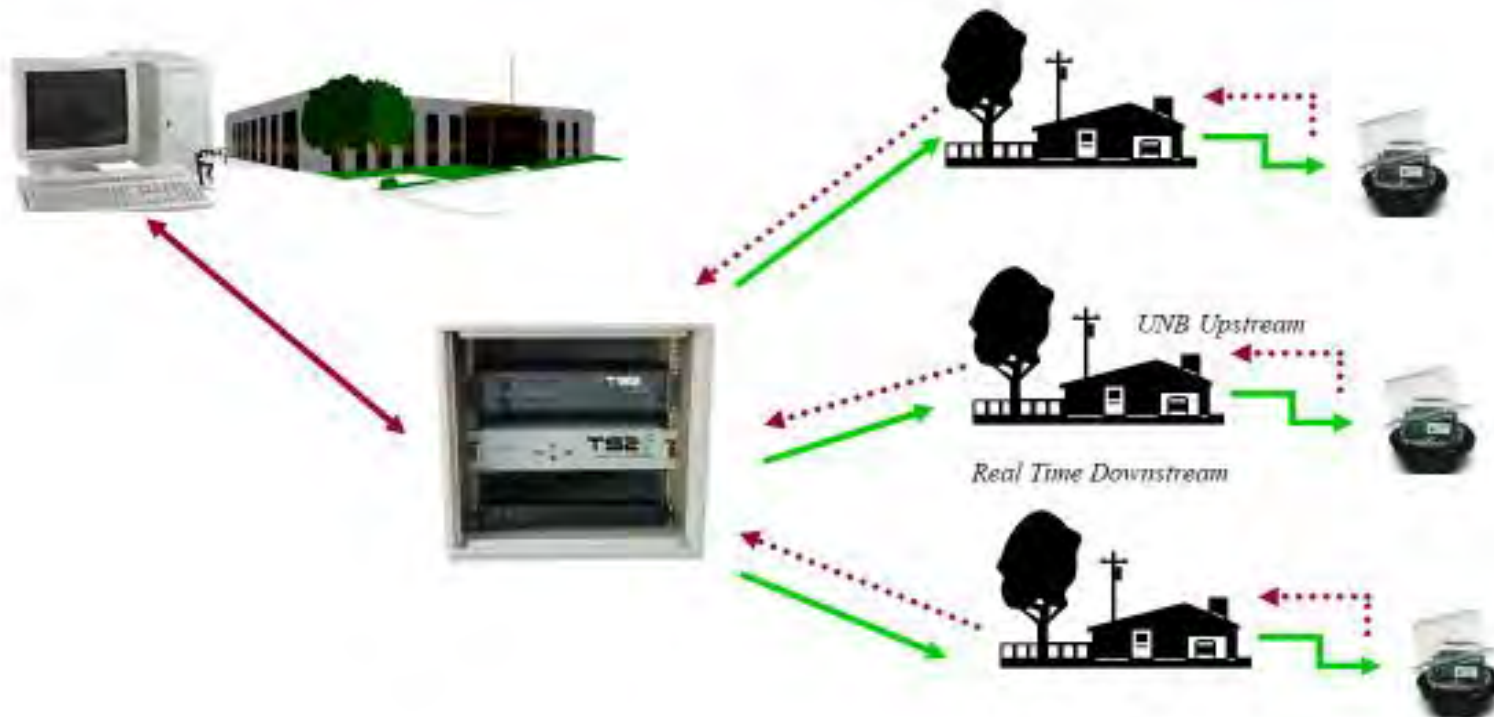
# Inter-County Energy AMI Project

## Objectives:

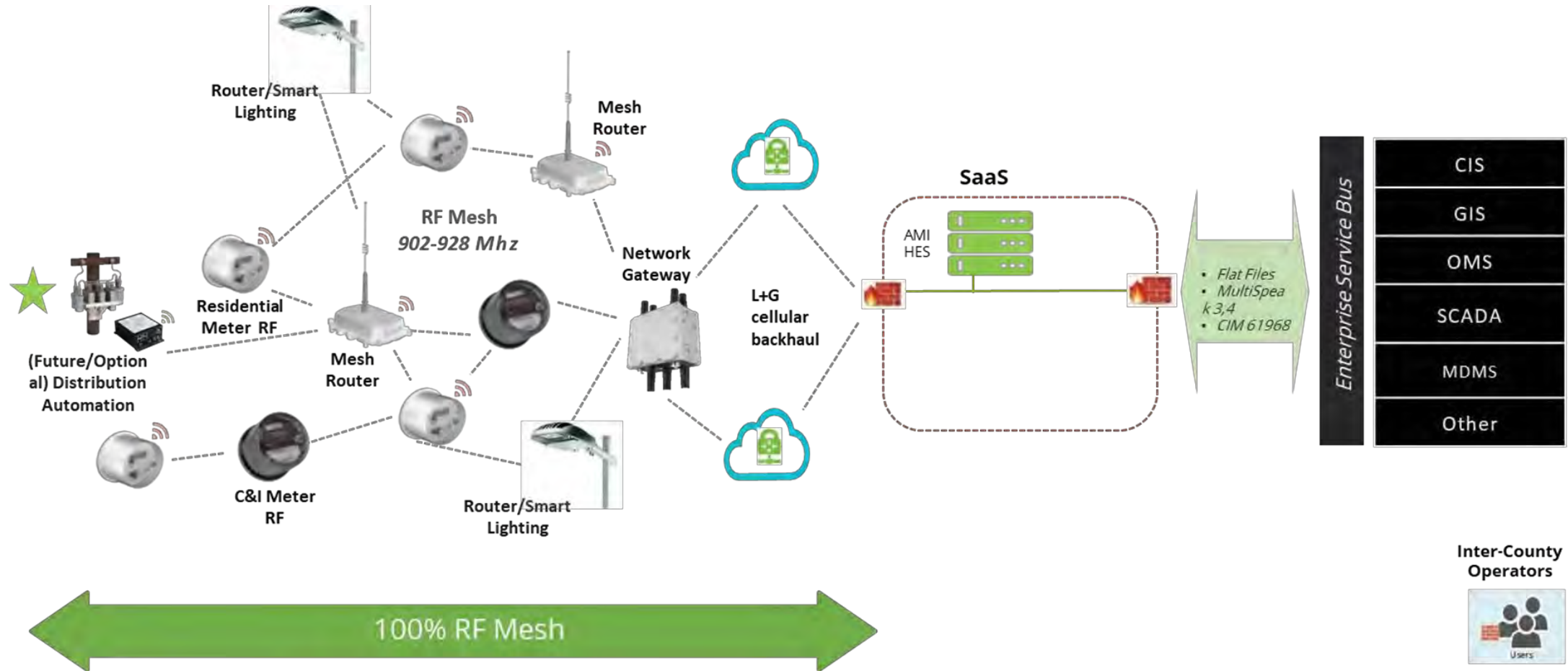
1. Replacing an end of life and unsupported Power-Line Carrier-based AMR system with an RF mesh system
2. Enhance current meter reading and data gathering abilities to include new rate structures such as Time-of-Use, EV charging, etc.
3. Enhance outage reporting and restoration efforts and reporting
4. Provide further operational efficiencies such as remote connect and disconnects systemwide

# Current AMI System

## Two Way PLC Technology



# RF System Overview



# Landis+Gyr Capabilities

- **1 Hour Residential meter data**
- **15 Min Commercial meter data**
- **Remote Connect/Disconnect on all Residential members**
- **5-30 Second Outage notification w blink monitoring**
- **Time-of-Use metering capabilities**
- **Power Quality functionality**
- **Secure Network**
- **Load Control / EV Adaptability**
- **5-year warranty on all meters and network equipment**

Landis & Gyr											
5/31/2022											
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6 ----	Year 12	Year 13	Year 14	Year 15	Totals
Collector Network	868260										868260
Network Server & Software	42840	43957	45276	46634	48033	49474	59075	60847	62672	64552	793904
Project Delivery Services	96000										96000
Meters	1725229	1725228.9									3450457.8
Discount	-25000										-25000
Cellular	7440	7440	7440	7440	7440	7663	9150	9425	9708	9999	125050
Options/Extras	1506177										1506177
Annual Costs:	\$ 4,220,946	\$ 1,776,626	\$ 52,716	\$ 54,074	\$ 55,473	\$ 57,137	\$ 68,225	\$ 70,272	\$ 72,380	\$ 74,551	\$ 6,814,848
15 year cost:	\$ 6,814,848										
Options/Extras included above:											
NEMA 3R enclosures											
Router Arms											
Meter Swap turn key w SEDC integration											
Mat. & Labor Est. for gateways											
Mat. & Labor Est. for Routers											

15 Year Cost Comparison:

Landis & Gyr

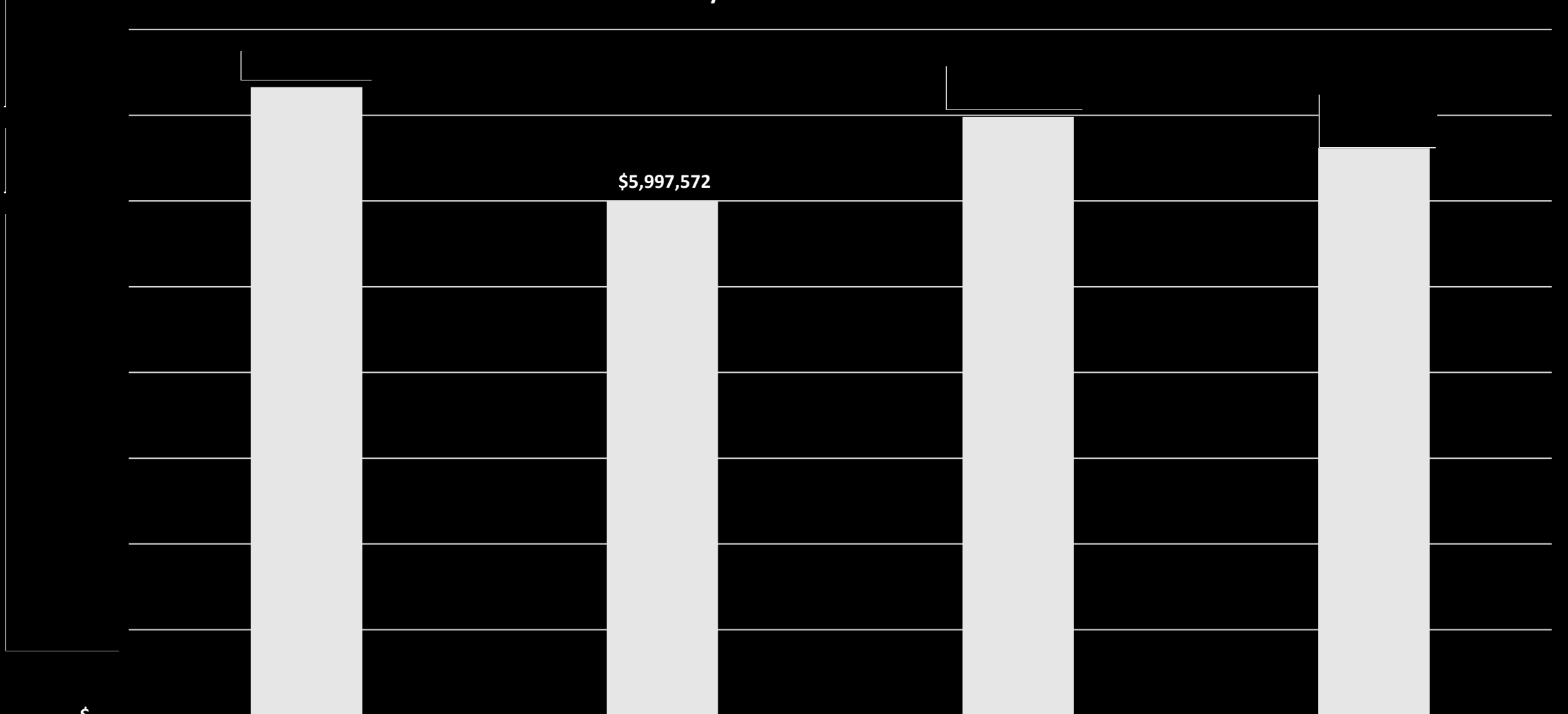
\$ 6,814,848

Tantalus

Aclara

NRTC / ITRON

2 yr Installed Cost



\$-

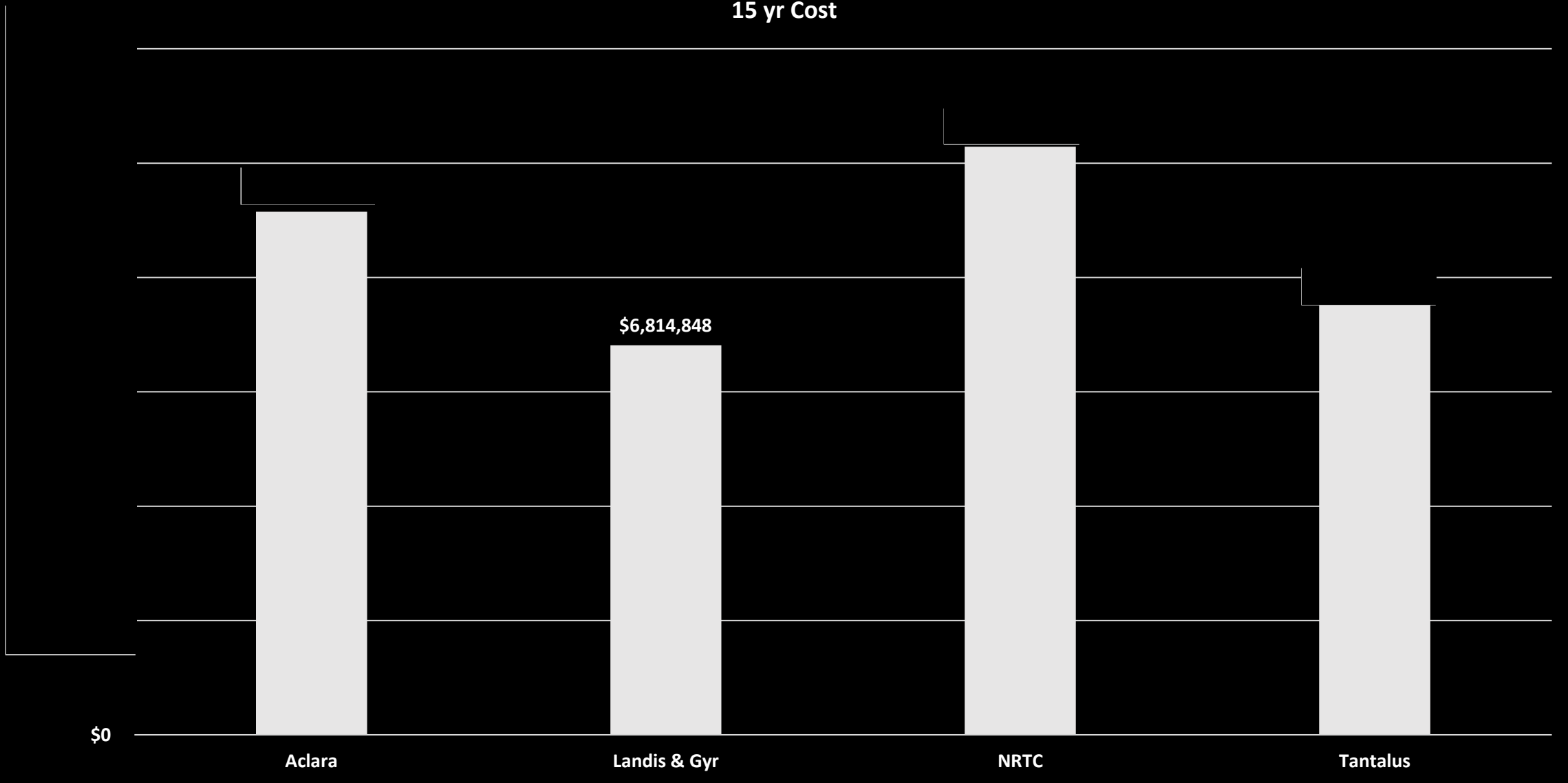
Aclara

Landis & Gyr

NRTC

Tantalus

# 15 yr Cost



\$0

Aclara

Landis & Gyr

NRTC

Tantalus