

MICHAEL W HULL | 27 MARCH 2024 | HOUSTON, TX

Sorting Scrap Efficiently with the Vanta XRF

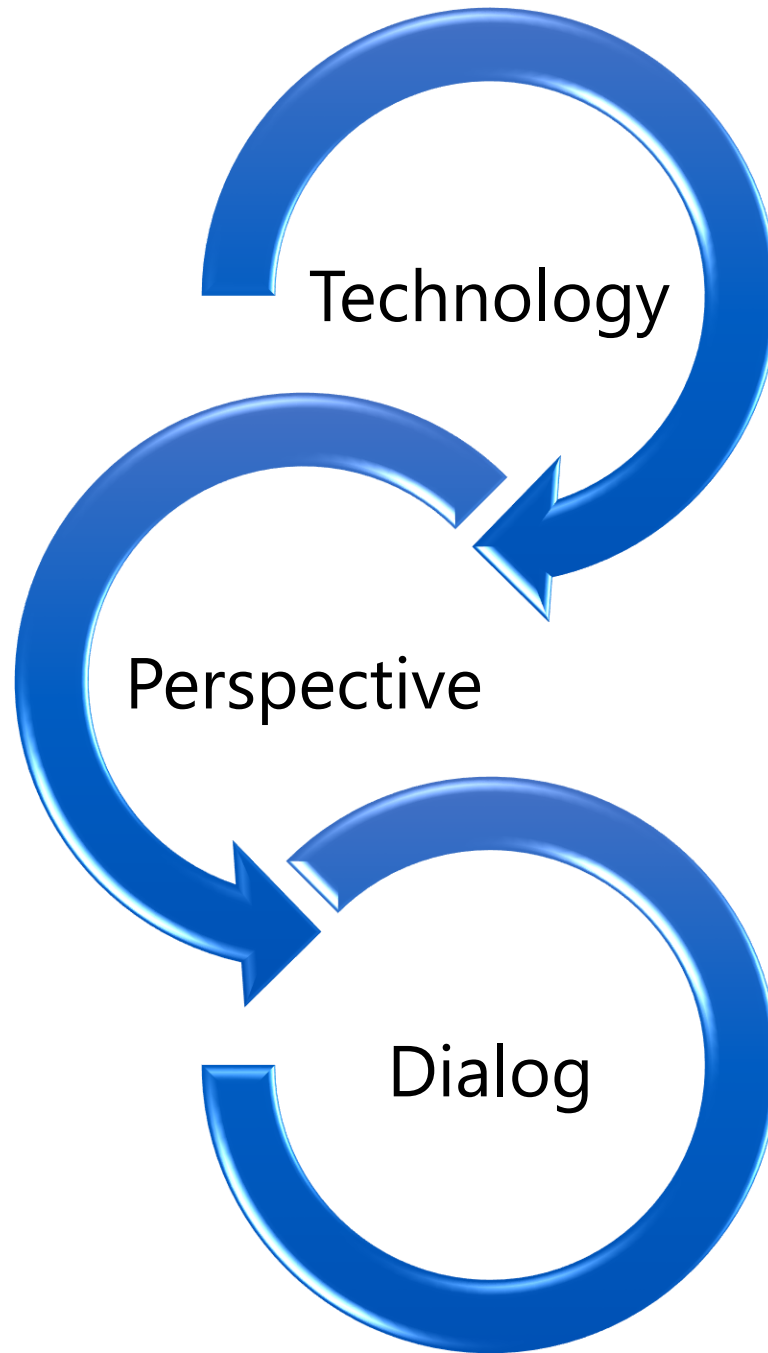
The Role of XRF in the Recycling Industry

Today's Direction



A & A Metals, INC.

(Non Ferrous and Ferrous Metals)



3 Tips for XRF in Scrap

01

**Find the right
analyzer for your
business.**

Scrap Metals

Ferrous

Carbon steels
Low-alloy
steels
Chrome-moly
Stainless

Non-Ferrous

Red metals
Nickel
Titanium
Superalloys

Aluminums

Scrap Metals

Carbon steels

**Low-alloy
steels**

Chrome-moly

Stainless

Red metals

Nickel

Titanium

Superalloys

Aluminums

Scrap Metals

Single-Beam

Carbon steels
Low-alloy steels
Chrome-moly
Stainless

Red metals
Nickel
Titanium
Superalloys

Aluminums

Scrap Metals

Single-Beam

Carbon steels
Low-alloy steels
Chrome-moly
Stainless

Red metals
Nickel
Titanium
Superalloys

Multi-Beam

Aluminums

Scrap Metals

PIN Detector

Carbon steels
Low-alloy steels
Chrome-moly
Stainless

Red metals
Nickel
Titanium
Superalloys

SDD

Detector

Aluminums

Aluminum Alloys: single-beam or multi-beam

Aluminum		
A201	2007	7012
A203	2011	7014
204	2012	7016
206	2030	7026
240	2031	7029
242	2034	7031
295	2036	7032
296	2091	7033
A301	2094	7039
302	2095	7046
308	2111	7049
318	2117	7050
336	2195	7055
354	2218	7064
355	2219	7072
359	2618	7075
361	4007	7076
363	4009	7090
364	4013	7093
365	4032	7108
369	4043	7116
381	4145	7136
385	4643	7150
390	5017	7249
392	5052	7449
393	5058	7475
435	5180	8006
443	6002	8007
513	6013	8023
516	6018	8030
705	6020	8040
707	6040	8050
710	6059	8077
711	6061	8093
712	6066	8130
713	6069	8150
771	6113	1000 series
851	6205	2098-2195
853	6260	2219-2519
1100	6262	355-2
2002	7004	7049-149
2004	7005	
2005	7009	

Aluminum			
A201	850	4032	7014
A203	851	4043	7016
204	852	4044	7019
206	853	4046	7024
240	1100	4047	7025
242	2001	4145	7026
295	2002	4147	7028
296	2004	4343	7029
A301	2005	4643	7031
302	2007	5005	7032
A303	2009	5017	7033
308	2011	5042	7039
318	2012	5052	7046
319	2014	5058	7049
333	2018	5083	7050
336	2021	5086	7055
354	2024	5087	7064
355	2025	5154	7068
356	3012	5180	7072
357	2030	5210	7075
358	2031	5249	7076
359	2034	5252	7090
360	2036	5354	7093
361	2090	5451	7108
363	2091	5454	7116
364	2094	5505	7136
365	2095	5554	7150
369	2097	5556	7249
380	2111	5557	7449
381	2117	5654	7475
383	2124	5657	8006
384	2195	6002	8007
385	2197	6005	8023
390	2214	6008	8030
392	2218	6012	8040
393	2219	6013	8050
408	2297	6014	8077
409	2519	6018	8093
411	2618	6020	8130
413	3002	6040	8150
435	3003	6053	8176
443	3004	6061	1000 series
444	3005	6063	1100-plus
511	3009	6066	2014-2017
512	3010	6069	2024-plus
513	3011	6070	2098-2195
514	3105	6082	2219-2519
515	3107	6111	3003 or 4 or 5
516	3203	6113	355-2
518	4004	6205	5052-Plus
520	4006	6260	5056-82
535	4007	6262	5086-plus
705	4008	7003	6063-plus
707	4009	7004	7049-149
710	4010	7005	Silafont 36
711	4013	7009	
712	4016	7011	
713	4018	7012	
771			

02

**Protect your
investment.**

Drops and Pops

Train well.

And train again.



Drops and Pops

Train well.

And train again.

Wear a wrist strap.



Drops and Pops

Train well.

And train again.

Wear a wrist strap.

Protect the detector.

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Drops and Pops

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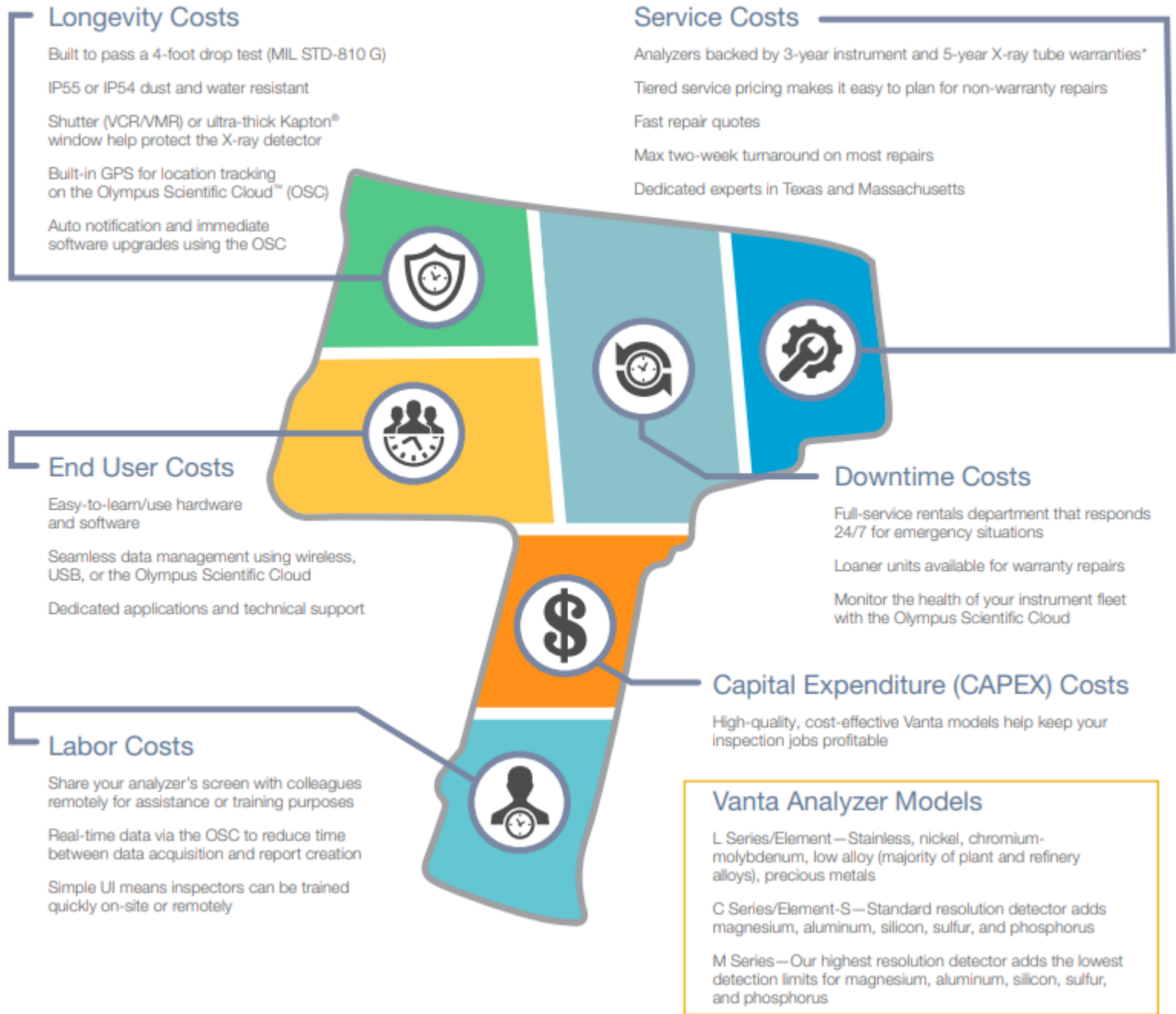
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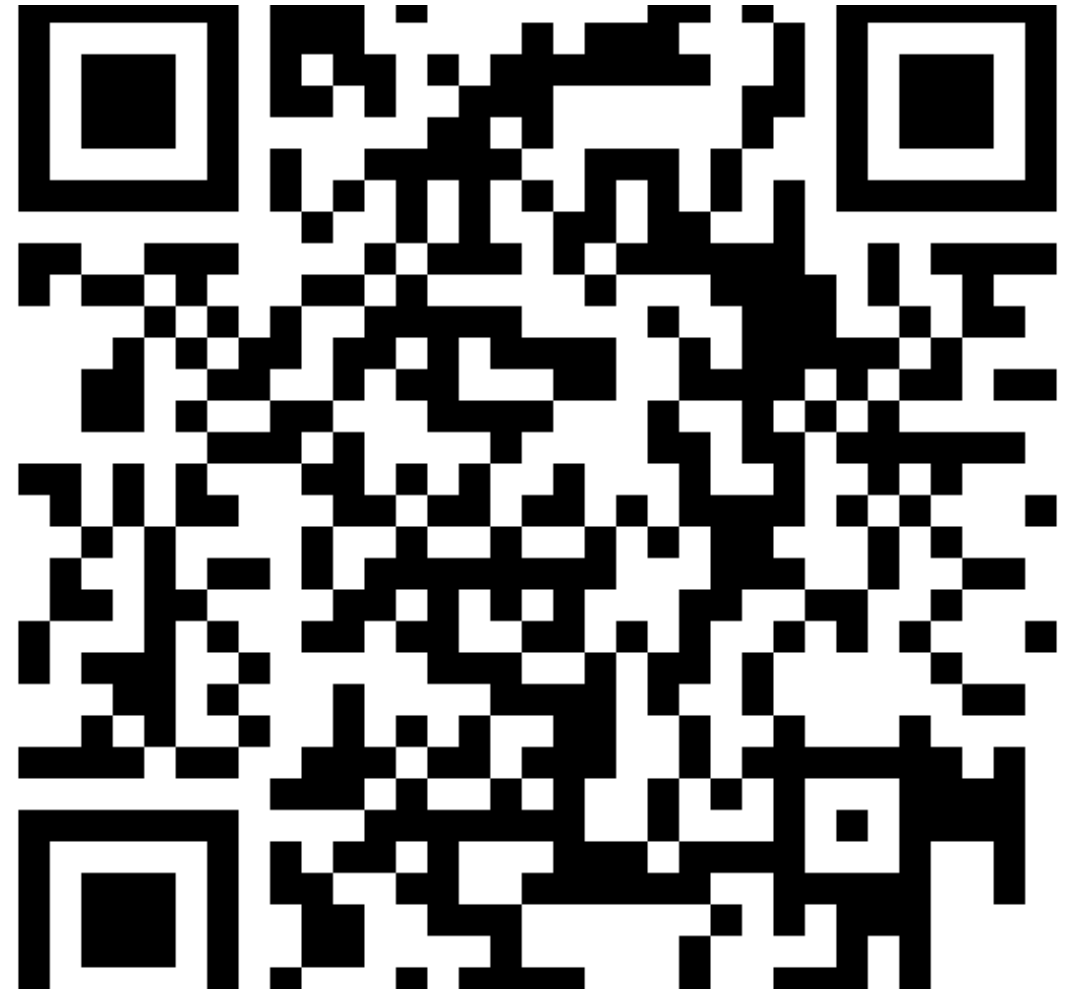


Total Cost of Ownership



Evident's Commitment to Customer Support

Evident Scientific is a leader in XRF technology with a reputation for quality and accuracy. We are committed to providing the best technical support and after-sales service for our products, applications, training, and technologies through our global network of sales and service teams



03

Build your niche.

Trends: Money at the Margins

Finer sorting, Cleaner Product

Rahul Argrawal
A & A Metals
Houston, TX

Trends: Money at the Margins



Trends: Money at the Margins



What's your corner?

Precious metals on aerospace fan blades

Electric Meters

Decanning

Etc.

Automotive & Industrial Catalysts

Precious metals content in the catalyst



Questions?

Visit Us in Vegas! Booth #2121

See the Vanta; grab a shirt!



Complete Solutions for the Recycling Industry

- **Industry-leading, comprehensive 3-year warranty**
- **Same-day shipping**
- **Trade-in discounts**
- **Flexible financing and leasing options**
- **Rentals**
- **Free on-site training and online radiation safety training**
- **Fast repair with upfront pricing for no-hassle service experience**
- **On-call technical support**



E  **IDENT**

SEEING IS SOLVING