

XM 360

KNOWLEDGE IS POWER

ALPHA XM360 | TAKE CONTROL OF YOUR NETWORK

Building on Alpha's long history of innovation, **XM360** is the first web-enabled Maintenance Management System (MMS) for the cable/broadband industry.

- XM360 **expedites** outside plant power **system maintenance**
- Collects data and **provides answers** to locations at risk
- Provides **asset tracking** for power supplies, batteries, transponders and enclosures
- Generates **reliability plans**, connecting field operations with finance and corporate c-suite



Alpha's **XM360 X-Tractor** software program simplifies critical data extraction, saving time and increasing accuracy.

XM 360

Implementing a **Maintenance Management System (MMS)** into the network gives MSO's enhanced visibility of the growing risk of an aging OSP network. Improved visibility and control provides operators the **tools and information to take appropriate corrective action before outages occur** — ensuring superior network reliability and mitigating threats from competitive fiber technologies.



X-TRACTOR MMS guarantees consistency when performing **preventative maintenance (PM) procedures** by electronically connecting all power supply system element information and generating a PM certification report that is uploaded to a secure hosted database.

- Cable/broadband industry's **first software tool** providing error-free PM procedures
- Provides the **most effective** means to collect vital information on power systems
- **Generates PM certification reports** for online viewing from a secure hosted database
- **Windows-based**, laptop compatible
- **Efficiently guides technicians** through the industry standard PM procedure

PM CERTIFICATION REPORT										
ALPHA								Site ID: NPA-16		
Latitude	40.7611	Longitude	-102.0411	Date	Sep. 17, 2013	Time	10:09 AM	Technician #	101	
Inst.	BELLINGHAM	City	BELLINGHAM	State	WA	Zip Code	98220			
Region	PNW	System	WASHCOGN	Name	TA 020	Country	USA			
Site ID	NPA-16	Address	1000 ALTA DR	Utility Company	PG&E	Powering Agency	PG&E			
System	DSM	Utility Account #	000000	MMS Meter #	000000					
Transponder Data										
Chip Num	0000000000000000	Card	454	CRS	0.0	Chip Card	Power	41.0	Power	0.7
Model #	0000000000000000	Transponder	CPMA	Options	CPMA 4.4 B.0 (1.1) A/A	Transmit	0	Transmit	0	
Address	215 07 221 200									
Power Supply Data										
Make/Model	ALPHASOURCE	Part Code	0012	Serial Code	000000	Serial Part	00000000	Serial Part	00	
Frequency	25.000	Modulation	QPSK	Lock	NA	Channel ID	1	Symbol Rate	2.500	
Power	300.000	Modulation	256 QAM	Lock	LOCKED	Channel ID	1	Symbol Rate	2.500000	
Battery Data										
Cell #	1	Vol	12.5	CR2	87.0	1.00	1.00	12.00		
Cell #	2	Vol	12.5	CR2	87.0	1.00	1.00	12.00		

NEW FEATURES

Auto Populating Site Page

Once site ID and address is matched, the X-Tractor will auto-populate, saving time and ensuring consistent information.

Customized Setup

Required fields can be configured to match unique requirements, ensuring correct information is captured and prioritized.

Additional Display Options

The interface is optimized for ambient light and other environmental conditions with light/dark themes.

Generator Information Tab

Technicians have the ability to collect system generator and testing information at each individual site.

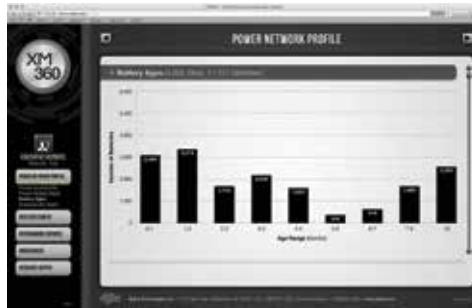
Added Drop-Down Options

Added menus make X-Tractor more comprehensive for technicians.



EXECUTIVE REPORTS is an **intuitive, web-based suite of reports** that provides insight on at-risk locations along with the type and age of assets. Ground breaking algorithms provide detailed information on the health status of the outside plant power system network.

- Enables network operating personnel to **effectively manage** their entire OSP network
- Provides analysis of aging power supplies, batteries and transponders so operators can **proactively deploy the right fix agency** to prevent failures
- **Targets existing budgets** to eliminate risks at your highest priority sites
- Viewable on **iOS and Android mobile devices**



NEW REPORTS

XM360 has further developed the Executive Reports suite to offer customers better insight into the system plant—providing the power to make more informed reliability decisions.

Power Supply, Battery and Transponder Reports

Target outdated legacy equipment in the outside plant.

Enclosure Location Reports

More effective tech workload balancing.

Missing Data Reports

Target tech training opportunities.

Plant Loading Reports

Help decision making for load balancing and battery backup for 60, 75 and 90V systems.



ANDROID COMPATIBILITY Alpha has taken **the power of the XM360 X-Tractor program and added the ease and portability of using it on an Android tablet.** The new Android X-Tractor app, optimized for power supplies with DSM3 or IDH4 transponders, still provides the ability to perform an industry-standard PM, but it can now also automatically record GPS coordinates. Ideally suited for a 7" tablet to conveniently fit in your pocket or carry using a shoulder strap, **the XM360 X-Tractor Android app will make PM's faster and more effective than ever.**