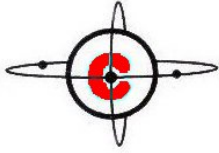
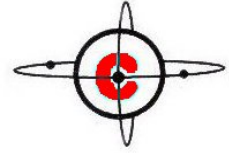


# CANADIAN SATELLITE TRACKING AND ORBIT RESEARCH



60 BUELL ST. SUITE #2  
BROCKVILLE ONTARIO, CANADA K6V 4Y3



## THE ADVANTAGES OF CASTOR

- CASTOR's thirteen years of satellite tracking experience can be of service to your organization in the form of consulting for the design, construction, testing, training and operation of a satellite tracking facility;
- CASTOR has extensive knowledge of requirements management for satellite tracking facilities and small satellites;
- A CASTOR facility is less expensive than a typical TT&C installation; \$150,000 USD for a CASTOR facility vs. at least \$2 million USD for a typical TT&C or radar tracking installation;
- Obtaining satellite tracking data with a CASTOR facility does not require any prior clearances. With all TT&C and radar installations, prior clearance to broadcast or emit powerful radio transmissions is required;
- All data that is generated by a CASTOR facility is the property of the satellite owner and not an external entity. If the TT&C installation is not the property of the satellite owner, obtaining detailed data might be difficult and service can be withheld for any reason;
- A CASTOR facility can track any satellite it can detect. A TT&C installation can only track those satellites it is authorized to communicate with;
- A CASTOR facility can easily be expanded to become a satellite tracking service for other satellite owners and industries, depending on individual satellite accessibility;
- A CASTOR facility can be used for emergency satellite tracking in the event your satellite cannot be contacted with any available TT&C facility;
- A CASTOR facility can be used as a hands-on training facility for future satellite tracking professionals. This training can include celestial coordinate systems, orbital mechanics, tracking facility engineering and tracking data analysis;
- A CASTOR facility can be used to attract important publicity for your satellite program. Demonstrating your own experience in satellite tracking is very reassuring to satellite suppliers and funding institutions alike.

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