



Smart Pad™

From concept to installation – JCAII is a turn-key solution provider.

Made in Canada

Visual Technologies for the Modern Airport



JCAII is a Canadian based company, specializing in visual guidance solutions for airports world-wide.

Under our trade name AIM Systems® (Airfield Intelligent Management), we offer a suite of state-of-the-art guidance software and equipment that provides airports and airlines with the necessary tools to ensure aircraft are transitioned safely and automatically through apron areas.

Our team of experts is 100% committed to client satisfaction and excellence in service delivery. Our products have been developed to be fully scalable and customizable for any size airport or operation.

Our systems are currently deployed in numerous major and smaller airports across Canada, United States as well as Europe.

The key components of our system include:

Bay Management Software;

Electronic Message Boards;

Inset Lighting;

Icelink.

Communications Engineering Consulting

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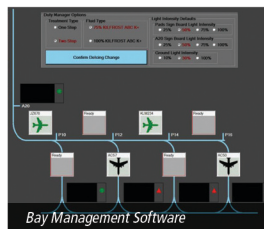
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Smart Pad®

JCAII's patented **Smart Pad®** is one of the most advanced and complete surface guidance systems available for de-icing pads. SmartPad® is a suite of state-of-the-art products that provide operators the essential tools to completely coordinate a de-icing operation from a single point of control. It provides an unprecedented level of resiliency and efficiency in numerous ways:

- A real-time graphical representation of de-icing pad;
- Real-time flight status;
- Integration of message boards and inset lighting;
- Provides efficient planning of available resources;
- Optimal coordination between all stakeholders including pilots; and
- Data capture to enable analysis of the entire operation.

From concept and design to installation, JCAII's SmartPad® solution is a scalable, flexible turnkey system.



...Pad Management Software:

- User friendly;
- Quick reference status of operation;
- Real-time view of surface guidance equipment and status of each piece of equipment; and
- View of entire pad operation in real-time.



...EMB'S:

- FAA and SAE ARP compliant;
- Addressable and customizable;
- Permanent mounted or mobile versions; and
- Provides clear visual commands and reduces chatter to pilot.



...Inset Lighting:

- LED Based;
- Low Power Consumption and reliable; and
- Excellent visual reference (in low visibility conditions).



...Surveillance and Metering equipment:

- Allows a view point from remote locations;
- Combines with Pad Management software for remote management;
- Event viewing and Analytics available;
- Useable in all weather conditions (thermal options); and
- Metering equipment available for full automation.