



CABIN ELECTRONICS

MANUFACTURERS staying connected in flight keeps getting easier

WE'RE ALL CONNECTED these days. We trade information on iPhones, iPads, laptops, Twitter and Facebook. We're talking, texting and e-mailing on our cellphones, and we're downloading electronic books. We're buying and selling everything from stocks to socks on the Internet and making payments on the Web.

So what about the business aircraft cabin? Are we still connected in flight? Imperfectly perhaps, but the answer is yes. And new technology is making the connection better and faster almost daily. In-flight Internet connectivity is approaching the speeds of ground-based connections, though not as inexpensively. Wi-Fi in the cabin can give passengers anywhere-in-the-world e-mail access through smartphones and personal digital assistants.

As for cabin entertainment, Blu-ray players are making

high-definition audio and video a reality. For those bringing aboard their own entertainment, there are iPod and MP3 docks. And the ubiquitous moving-map display has been taken to a new level with satellite-derived imagery and real-time stock results and sports scores.

Will there come a day when aircraft cabin technology equals what you'd find in the most up-to-date home or office? Probably not, say those in the industry, because the latest electronics always appear first in ground-based systems. Then it takes years to certify the new technology to aviation requirements and bring it to the aircraft cabin. Even so, today's cabin equipment far surpasses what was available only a few years ago.

Here's a list of firms that contribute to this world of in-flight connectivity and entertainment.—*Kirby J. Harrison*

ABC Completions

Communications
Montreal International Airport
6800 Cote de Liesse, Suite 304
Saint-Laurent, Quebec H4T 2A7
(514) 631-9336
www.abccompletions.com
gary.nash@abccompletions.com

Aircell

Communications, broadband connectivity
303 S. Technology Court, Building A
Broomfield, CO 80021
(303) 301-3200
www.aircell.com
sales@aircell.com

Aircraft Cabin Systems

Display monitors
18080 NE 68th St., Bldg. B
Redmond, WA 98052
(425) 883-8008
www.aircraftcabinsystems.com
mail@aircraftcabinsystems.com

Arinc

Communications and connectivity
Pegasus One, Pegasus Place
Gatwick Road
Crawley, West Sussex RH10 9AY
England
+44-12-936-41200
www.arinc.com
emea@arinc.com

AlsterAero

Control panels and units
Heidenkampsweg 45
20097 Hamburg
Germany
+49-40-248-27-120
www.alsteraero.com
contact@alsteraero.com

Alto Aviation

Audio entertainment components
113 Tolman Ave.
Leominster, MA 01453
(978) 466-5992
www.altoaviation.com
sales@altoaviation.com

Astronics Corp.

Aircraft lighting
130 Commerce Way
East Aurora, NY 14052
(716) 805-1599
www.astronics.com
leann.hurst@astronics.com

Avionics Innovations

Audio entertainment components
2450 Montecito Road
Ramona, CA 93065
(760) 788-2602
www.avionicsinnovations.com
sales@avionicsinnovations.com

Ball Aerospace & Technologies

Laser communications, airborne antennas
1600 Commerce St.
Boulder, CO 80301
(303) 939-6100
www.ballaerospace.com
info@ballaerospace.com

Blue Sky Network

Communications
1298 Prospect St., Suite 1D
La Jolla, CA 92037
(858) 551-3894
www.blueskynetwork.com
support@blueskynetwork.com

Bose

Audio headsets
The Mountain
Framingham, MA 01701
(800) 999-2673
www.bose.com
airlineheadsets@bose.com

Cobham Antenna Systems

(formerly Chelton Satcom)
Airborne antennas
Brook Road
Wimborne, Dorset BH21 2BJ
United Kingdom
+44-12-02882-020
www.cheltoninc.com

Custom Control Concepts

Cabin management, communications and entertainment
6020 South 190th St.
Kent, WA 98032
(206) 575-0933
www.custom-control.com
info@custom-control.com

DeCrane Aerospace Audio International

Cabin management, communications and entertainment
7300 Industry Drive
N. Little Rock, AR 72117
(501) 801-8152
www.decraneaerospace.com
mhammers@decraneaerospace.com

DPI Labs

Cabin Management and entertainment
1350 Arrow Highway
La Verne, CA 91750
(909) 392-5777
www.dpilabs.com
khayes@dpilabs.com

EMS Aviation

Satellite communications, broadband
400 Maple Grove Rd.
Ottawa, Ontario K2V 1B8
Canada
www.emsaviation.com
getbroadband@emsaviation.com

Emteq

Cabin management systems
5349 S. Emmer Drive
New Berlin, WI 53151
(262) 679-6170
www.emteq.com
sales@emteq.com

Flight Display Systems

Entertainment components
1765 Grassland Pkwy.
Alpharetta, GA 30004
(678) 867-6717
www.flightdisplay.com
sales@flightdisplay.com

Heads Up Technologies

Entertainment components
2033 Chennault Drive, Suite 100
Carrollton, TX 75006
(972) 980-4890
www.heads-up.com
service@heads-up.com

Honeywell

Cabin management systems and entertainment
21111 N. 19th Ave.
Phoenix, AZ 85027
(602) 436-5658
www.51.honeywell.com/aero
bill.rowell@honeywell.com

Inflight Entertainment Systems

Audio and video monitors and file servers
119 W. Main St.
W. Dundee, IL 60118
(847) 844-7367
www.ifeproducts.com
customerservice@ifeproducts.com

Inmarsat

Satellite communications
99 City Road
London EC1Y 1AX
England
+44-20-7728-1777
www.inmarsat.com
customer-care@inmarsat.com

International Communications Group

*Satellite-based global voice
& data telecommunications*
230 Picketts Line
Newport News, VA 23603
(757) 947-1030
www.icg.aero
sales@icg.aero

**Intheairnet**

Cabin entertainment components
2201 Alton Pkwy.
Irvine, CA 92602
(949) 442-2300
www.intheairnet.com
Pennm@intheairnet.com

4 Blackthorne Crescent
Colinbrook
Berkshire SL3 0QP
England
+44-17-5328-3300
rogersont@intheairnet.com (U.S.)
www.intheairnet.com

Iridium

Satellite communications
6707 Democracy Blvd., Suite 300
Bethesda, MD 20817
(301) 571-6200
www.iridium.com; info@iridium.com

LiveTV

Cabin entertainment
700 S. Babcock St.
Melbourne, FL 32901
(321) 308-3900
www.livetv.net
mike.moeller@livetv.net

Lufthansa Technik

Cabin management systems and entertainment
HAM TV/1
Weg Beim Jaeger 193
D-22335 Hamburg
Germany
+49 40 5070 3212
wolfgang.reinert@lht.dlh.de

Mid Continent Controls

Cabin management and entertainment systems
901 North River
Derby, KS 67037
(316) 789-0088
www.midcontinentcontrols.com
bheinz@midcontinentcontrols.com

OnAir

Communications
71 Ave. Louis-Casai
1216 Cointrin, Geneva
Switzerland
+44 22 747 6459
www.onair.aero

OnAir USA

Communications
2013 Fourth Ave., Suite 400
Seattle, WA 98121
(206) 607-2700
www.onair.aero

Panasonic Avionics Corp.

Cabin entertainment and communications
26200 Enterprise Way
Lake Forest, CA 92630
(949) 672-2000
www.panasonic.aero
theresa.yeoh@panasonic.aero

PS Engineering

Audio Control Systems
9800 Martel Road
Lenoir City, TN 37772
(865) 988-9800
www.ps-engineering.com
contact@ps-engineering.com

**Rockwell Collins Cabin Systems**

*Cabin management, communications
and entertainment*
14192 Franklin Ave.
Tustin, CA 92780
(714) 929-3000
www.rockwellcollins.com
csmarketing@rockwellcollins.com

Row44

Communications, broadband connectivity
31280 Oak Crest Drive, Suite 5
Westlake Village, CA 91361
(818) 706-3111
www.row44.com
info@row44.com

Rosen Aviation Displays

*Cabin management, communications
and entertainment*
1020 Owen Loop S.
Eugene, OR 97402
(541) 3432-3802
www.rosenaviation.com
customerservice@rosenaviation.com

Satcom 1

Satellite services
Korskildelund 6
Greve DK-2670
Denmark
+45-46-154-546
www.satcom1.com
info@satcom1.com

Satcom Direct

Satellite services
1901 Highway A1A
Satellite Beach, FL 32937
(321) 777-3000
www.satcomdirect.com
sales@satcomdirect.com

Sennheiser Vertrieb und Service

Audio headphones
Am Labor 1
30900 Wedemark
Germany
+49-5130-6000
www.sennheiser.com
info@sennheiser.com

SkyTheater Entertainment Systems

Custom theater entertainment systems
1100 Lee Wagener Blvd.
Fort Lauderdale, FL 33315
(954) 328-1928
www.skytheater.com
info@skytheater.com

Starling Advanced Communications

Satellite antennae
2 Tavor House
P.O. Box 707
Yoqneam 20692
Israel
+972-73-259-7300
www.starling-com.com
starling@starling-com.com

TEAC America

Video and audio players
7733 Telegraph Road
Montebello, CA 90640
(323) 726-0303
www.teac.com
custser@teac.com

Teledyne Controls

Entertainment
501 Continental Blvd.
El Segundo, CA 90245
(310) 765-3600
www.teledyne-controls.com

Thales Inflight Avionics Systems

Communications, broadband
58 Discovery
Irvine, CA 92618
(949) 790-2500
www.thalesgroup.com

Thrane & Thrane

Inflight communications, broadband
Lundtoftegardsvej 93D
2800 Kgs. Lyngby
Denmark
+45 39 55 88 00
www.thrane.com; abb@thrane.com

TrueNorth Avionics

Communications
141 Bentley Ave., Suite B
Ottawa, Ontario K2E 6T7
Canada
(613) 224-3301
www.truenorthavionics.com
info@truenorthavionics.com

ViaSat

Satellite networking and broadband
6155 El Camino Real
Carlsbad, CA 92009
(760) 476-2200
www.viasat.com; bruce.rowe@viasat.com