

# ANALYST RATING CHANGE CALENDAR

The world's largest banks, brokerage firms, professional market data, trading, and research applications rely on MT Newswires to provide comprehensive coverage of analyst rating changes on global public companies.

The MT Newswires Analyst Rating Change Calendar service provides the industry's most comprehensive coverage

of over 350 global research firms throughout North America, Europe and Asia. Through relationships with some of the most prominent brokerage and research firms, MT Newswires is able to provide an unmatched level of coverage. Updated throughout every business day, rating changes are delivered via FTP in XML format. Each individual elementized rating event contains the following:

- Region, Country
- Company Name
- Ticker Symbol
- Brokerage Firm Issuing Rating Change
- Upgrade, Downgrade, Initiate or Reiterate
- Price Targets, Ratings

MT Newswires is a recognized leader in original and unbiased global capital market, business and financial news. The Company's expanding global network of financial journalists and economists produces real time, multi-asset class news in over 160 distinct categories to cater to the diverse and evolving needs of the global investment community.

Type	Firm	Previous Rating	Previous Price	New Rating	New Price ▲
Downgrade	BofA Securities	Buy	\$185.00	Neutral	\$160.00
Reiterate	Morgan Stanley	Overweight	--	Overweight	\$180.00
Initiate	Rosenblatt Securities	--	--	Neutral	\$184.00
Upgrade	Rosenblatt Securities	Neutral	\$160.00	Buy	\$189.00
Reiterate	Wedbush	Outperform	\$200.00	Outperform	\$200.00
Reiterate	Wedbush	Outperform	\$200.00	Outperform	\$200.00
Reiterate	Wedbush	Outperform	--	Outperform	\$200.00
Reiterate	Wedbush	Outperform	\$200.00	Outperform	\$200.00
Upgrade	Credit Suisse	Neutral	--	Outperform	\$201.00
Reiterate	Wedbush	Outperform	--	Outperform	\$220.00