

## Product News

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### **Data transmission with OPC UA makes FTP unnecessary**

Bachmann brings a solution for secure data transmission to market

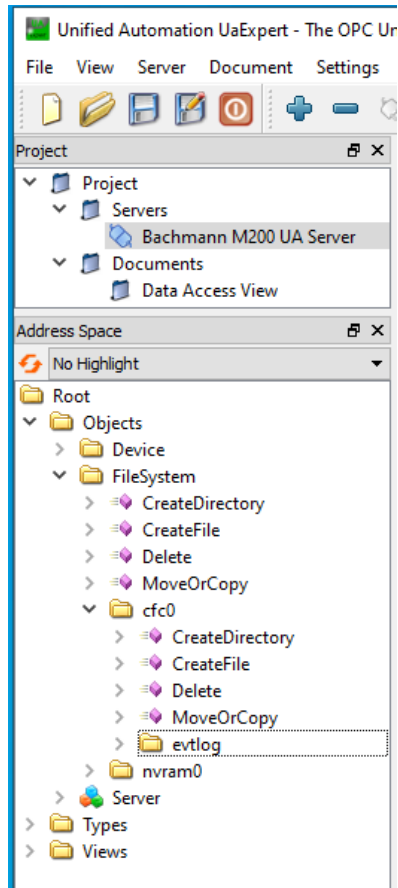
**Feldkirch, 23.10.06**

Modern security standards require end-to-end encryption, which old standards such as FTP cannot offer. Consequently, in addition to data access and alarms & conditions, the OPA server of Bachmann's M200 controller now also offers file transfer in accordance with chapter 20 of the OPC UA standard. Potential non-secure use of an FTP client that does not recognize login and requires encryption has now become unnecessary.

Data transmission by means of OPA UA server has been seamlessly integrated into the security concept of the Bachmann controller. In this regard, login of the OPC client on the controller determines the the user-dependent access rights to process data. However, in addition the system also offers appropriate extensions for data access, in order to prescribe the read and right permission to the storage media of the controller on a user-specific basis. This functionality also applies to OPC UA: When browsing the user sees only files to which he has at least the read permission. On the other hand, the user needs write access to the file system in order to change or copy files.

## Pictures

Picture 1:



With use of OPC UA Bachmann electronic GmbH make data transmission more secure than is possible with a conventional FTP solution. The logged-in user sees only the folders and files that are shared with that user.

Bild: Bachmann

**For more information visit:**

<https://www.bachmann.info/en/produkte/opc-ua-server-und-client>

**Bachmann electronic GmbH**

Automation, grid measurement and protection, visualization and condition monitoring of plants and machines: This is the world of Bachmann.

Headquartered in the Austrian town of Feldkirch and with more than 500 employees worldwide, Bachmann is an internationally aligned and strong-growth enterprise.

Robustness and reliability, these are the outstanding characteristics of the Bachmann solutions and to ensure these characteristics, every module is subjected to 100 % testing, plus a 48-hour run-in test. The intelligent, scalable technology is based on over 50 years of experience in the field of integrated engineering.

<https://www.bachmann.info/>

**Press contact:**

Bachmann electronic GmbH, Bochum Office

Frank Fladerer

Konrad-Zuse-Straße 3

44801 Bochum, Germany

Tel.: +49 234 932598-3029

Email: [frank.fladerer@bachmann.info](mailto:frank.fladerer@bachmann.info)