BCC
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BCC a Microsoft and IBM business partner offers solutions for secure, compliant and cost-efficient management of the Microsoft and IBM infrastructure.

BCC has been developing quality products and delivered first class implementations for over 20 years. BCC ensures consistent customer focus, great technical and interpersonal skills and effective services, designed to assist and support their customers.

Over 800 companies and 3 million users trust BCC's solutions.

It´s time to think orange!

Mail Migration

- Microsoft Exchange to Microsoft Office 365
- Microsoft Office 365 to Microsoft Office 365 tenants
- IBM Notes to Microsoft Exchange / Microsoft Office 365
- IBM Notes Application Migration & Coexistence

Identity Management & Access Governance

- Microsoft Office 365 User, Guest User, Group and Mail-in databases Management
- Microsoft Office 365 User License Management
- Active Directory / LDAP User and Group Management
- Microsoft Azure Active Directory User and Group Management
- Self-service Portal for End User Delegation

Mail Management

- Out-of-office Management with Delegation, Forwarding and Auto-Reply
- Signature, Branding and Disclaimer
- S/MIME & PGP E-mail Encryption

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Mail Migration Solutions

Server based migration for Microsoft and IBM Domino. Highly automated, fast and secure migration of mails, calendar, tasks and contacts to Microsoft Exchange and Office 365 systems.

BCC Mail Migration Solutions modules

Mail Migration Engine for IBM Domino to Microsoft Exchange and Microsoft Office 365

☐ Server-based execution of the migration engine enables highly automated and high-performance migration and no extensive client migration workstations (migration farms) are required. No technical user IDs are used to access sensitive mail data.

☐ Migration is configured through flexible profiles and assigning them to groups or users: Direct migration of production mail files and different handling of the migration for mails to be archived in Exchange or Microsoft Office 365 .

☐ "High Performance Sync Migration" (sever-based, multithreading support and adjustable channel-based migration engine according to throttling and system restrictions). Allows a flexible and time-controlled advanced migration of the mails. This removes mass data transfer "bottle necks" and makes it possible to do a Migration data check, before cut-over by IT Support / End User. Balancing the migration times to avoid peak traffic periods.

Migration from the following Notes mail elements

Mail messages: User mailboxes, shared mailboxes, mailbox archives, resource mailboxes. Templates as a draft, drafts, waste paper bin, orphaned documents / documents not included in any view or folder can be migrated to a default folder (freely definable).

Calendar entries: Meetings, Appointments, Reminders, Anniversary, "split" bundled dates in Exchange as single dates, Encrypted calendar entries and set the "private" flag. Management of Exchange mailbox categories and color coding of migrated Notes calendar entries. Seamless migration of recurring events / repeating appointments. Collection folder for non-displayed calendar notification (normally suppressed in the inbox) and orphaned documents (notes without folder). Bidirectional calendar synchronization during the realization of a coexistence phase for the provision of free/busy information in Notes and Exchange / Exchange-Online.

Contact: Migration of personal address books. To Do / Tasks, Contacts in the mail database. Migration of OutOfOffice Settings during the Migration from Notes to Exchange. The transfer takes place including profile images, personal groups from mail database.

Resource database: Transfer all appointments of a resource database into an existing Exchange resource database.

Migration of encrypted Notes Mails

The migration of mail encrypted with Notes PKI is a major challenge for mail migrations to Microsoft Exchange and Microsoft Office 365, which can be handled in two steps by BCC:

Analysis: The BCC Migration Engine allows the analysis and clear evaluation of encrypted mails per user. BCC Migration Engine can make all encrypted emails available to the user in an unencrypted format. BCC Migration Engine can utilize the Domino IDVault to automatically decrypt emails.

Migration of encrypted data: The migration of the encrypted Notes Mails can be done from the server in different variants. Simple decryption, encryption with S/MIME, conversion to encrypted PDF and Notes encrypted mail and Outlook encrypted mail. If the Migration Engine detects an error during re-encryption using S/MIME it can attempt automated error handling. It will also fallback to plaintext conversion if this fails.
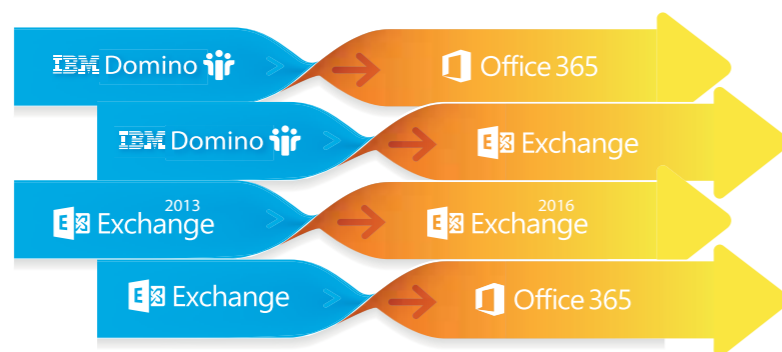
BCC Migration Engine for Exchange and Microsoft Office 365

BCC Migration Engine also allows highly automated migration within Microsoft mail systems: Exchange to Exchange, Exchange to Microsoft Office 365 and Microsoft Office 365 to Microsoft Office 365 tenants. Server based execution in conjunction with migration profiles allow flexible planning of user groups, migration times and mail data to be migrated: Rule-based selection of content can be based on many criteria. Time based or data type selections are possible along with selecting all data types to migrate everything.

☐ Fully automate the migration of mailboxes and users into a new Active Directory, Microsoft Office 365 or new Microsoft Office 365 tenant without User Impact.

☐ Start of migrations based on date and time and end of migration can be set via success criteria.

☐ Query or Post Migration actions can be run automatically. These can include, emails, scripts or mail forwarding changes.

☐ BCC Sync Migration allows a background migration with the only the latest mails to be migrated. In addition, the Migration Engine can provide a single migration run or a phased synchronization. The subsequent migration syncs only migrate changes to the new mailbox.

☐ Execution of test migrations

☐ Integration with BCC Self Service Portal: The optional integration with the web-based BCC Self Service Portal allows the end user or IT support to start and control the migration. No direct access rights to the source and target system mailboxes are required. Users can be notified by email before and after migration.

☐ Detailed logging and reporting of migrated/synchronized data allow a comprehensive evaluation and control of the migrated data. The reports can be written to a MS Excel file for further analysis.

MailProtect Webmail Archive

BCC's MailProtect Webmail Archive makes a complete conversion of the Notes mailbox into a "browser compatible format". The contents of the Notes mailbox can then be accessed locally via the browser or Microsoft IIS or any other http server. Server based conversion of Notes mailboxes.

☐ Use CSS Stylesheets when converting mails and folders.

☐ Timely flexible control as 'one time' tasks or a regular conversion schedule.

☐ Profile based selection of the mail documents to be converted: selection by means of delivery time, file types, sender, recipient etc. are all possible.

☐ Flexible definition of storage locations. Optional export of mails as EML, calendar appointments as .ics and contacts as .vcf files.

The WebMail Archive allows you to use the Notes mailbox in the browser. With using the CSS style sheets the browser interface can be provided with corporate logo, colours etc.

The BCC WebMail Archive offers the following functions:

- Search for mails
- Forwarding of mails
- Reply to mails
- Removing data files
- Transfer of calendar entries

Migration engine offering

The migration engine can be operated as an on premises variant or as a cloud solution. Both variants have a base and a premium version The Premium offering provides the functionalities.

- Mail, Calendar & Contact migration
- Data synchronised for migration period
- All encrypted mail & calendar data
- ID Vault or customer specific source
- Encrypted to S/MIME or PDF
- Benefits

- Scalable on existing h/w or cloud
- No human mail data access
- No migration farm/clients
- Fast – 24/7 data move
- No mail file replication required
- No Cross Certification
- No ACL modification
- No loss of secure messages
- Data synchronised for migration period

Advantages of BCC Mail Migration Engine

"Security"
- Security integrity is maintained
  - No human access to mail data
  - GDPR Compliant
  - No storage of mail data in a mail migration service, only in the destination system
- No Notes client migration farm with technical user IDs
- Server to Server migration
- Migration of encrypted mails / calendar entries

"Speed"
- Faster cut-over
  - Migration can start with small subset of mails (last 2 weeks)
  - Migration can continue after cut-over
- Higher Performance
  - Automated 24/7 migration and sync mechanism
  - Scalability by adding additional Azure Migration Engines

☐ Database or text based logging for integration with third party apps and interfaces.

☐ Public Folder Migration: Automated migration of public folders to Exchange 2013, 2016 or Microsoft Office 365 based on PowerShell technologies.

MailProtect Coexistence Gateway

During the coexistence phase, the MailProtect Coexistence Gateway supports Domino applications that are sending mail to already migrated Notes users, with the following features:

☐ Conversion of Notes formats such as rich text sections and tables.

☐ Conversion / transfer of attachment placeholders Conversion of Notes DocLinks

☐ Rule based intelligent conversion of the Notes mail addresses including Notes domains in SMTP addresses.

☐ Intelligent mail delivery to Exchange users who no longer have a person document in the Domino Directory.

MailProtect Coexistence Gateway can work without the use of forwarding addresses in the Domino Directory and allows the operation of IBM Domino Applications with cheaper IBM Domino Utility Server licenses.

"Flexibility"
- Policy based migration settings to comply with specific requirements for user groups (VIP, Marketing, Sales etc.)
- Continuous migration procedure can start weeks before with no user intervention needed
- Elimination of performance bottle necks during the whole migration procedure
- Self Service Migration allows delegation inside customers organisation

"Post Migration"
- Migrate 100% of mail
  - Migrate subset to productive Microsoft Office 365 mail
  - Migrate the rest to Exchange Online Archive
  - Complete migration allows for Domino server shutdown
- Mail Migration Engine for future M&A or Spin-offs
  - Microsoft Office 365 tenants to Microsoft Office 365
  - Exchange to Microsoft Office 365
  - Notes to Microsoft Office 365