

Gandhi Heritage Portal

Client: Sabarmati Ashram Preservation and Memorial Trust

Client Vertical: Govt./PSU

Project Type: Heritage Portal

Technology Used: Drupal, MySQL

Client Overview

About Client: The Ashram serves as a source of inspiration and guidance, and stands as a monument to Gandhiji's life mission and a testimony to others who have fought a similar struggle. It became home to the ideology that set India free. It aided countless other nations and people in their own battles against oppressive forces.

The Ashram is presently involved in a number of activities that serves to both preserve the history of Gandhi and the freedom struggle and also to promote and educate people in the great philosophies, values and teachings of Gandhi. The Ashram Trust funds activities that include education for the visitor, the community and routine maintenance of the museum and its surrounding grounds.

Proposed Solution: Silver Touch proposed developing the web portal using Drupal open source platform as Drupal provides sophisticated, flexible and robust website development. Silver Touch proposed PHP as frontend and MySQL as backend.

Drupal scales effortlessly and is stable even when serving thousands of users simultaneously. Drupal is designed to be highly customizable in terms of features, functionality, layout and design.

By considering the advantages of Drupal, Silver Touch has proposed developing custom modules for all functionalities such as photo gallery, video, chronology, searching, and family tree. User Management and Role Management come as an integral process of the application. Silver Touch also proposed following 3rd party products / application ...

1. jPlayer extension for audio gallery
2. Book Reader extension for displaying books and volumes related to Gandhiji's life on the web portal
3. Google Map integration that displays the places visited by Gandhiji around world
4. Google Analytics integrates for displaying reports on backend.

Requirement Overview:

Client wanted to develop a web portal in the memory of Mahatma Gandhi and to present his Heritage on web. Client had a plan to have vast information of the life and times of Gandhiji on the portal. The information includes books written by Gandhiji, audio and video files, gallery of photographs & cartoons.

Following are the major requirements of the client:

1. Gallery of photographs, videos, cartoons, audios, posters and stamps with searching, paging and filtering functionality
 - a. Site visitors should be able to view photographs in full screen and also able to print the photographs

Gandhi Heritage Portal

- b. Videos should be easily play on the portal with all basic features such as start / pause / stop, forward, backward, and volume up / down
- c. Portal should display written document related to Gandhiji's speeches
- 2. Portal should display list of all the places visited by Gandhiji on the Google Map across the world
- 3. Day-to-day & event wise chronology of Gandhiji with filtering functionality by date
- 4. Books and Volumes related to Gandhiji with searching & filtering features
- 5. Web portal should be provide all journals with related photographs that was published or edited by Gandhiji or other institutions
- 6. Web portal should include information related to the family tree of Mahatma Gandhi
- 7. Registration for special users with login functionality
- 8. All the type of contents such as photographs, videos & books and special users should be manage by administrator

Following were the general requirements of the client:

- 1. Web portal should provide list of recent updates
- 2. Global search for web portal
- 3. Web Portal should be available in multi language – English, Hindi & Gujarati with multiple content size options
- 4. Two type of website views: standard & contrast view

Benefits

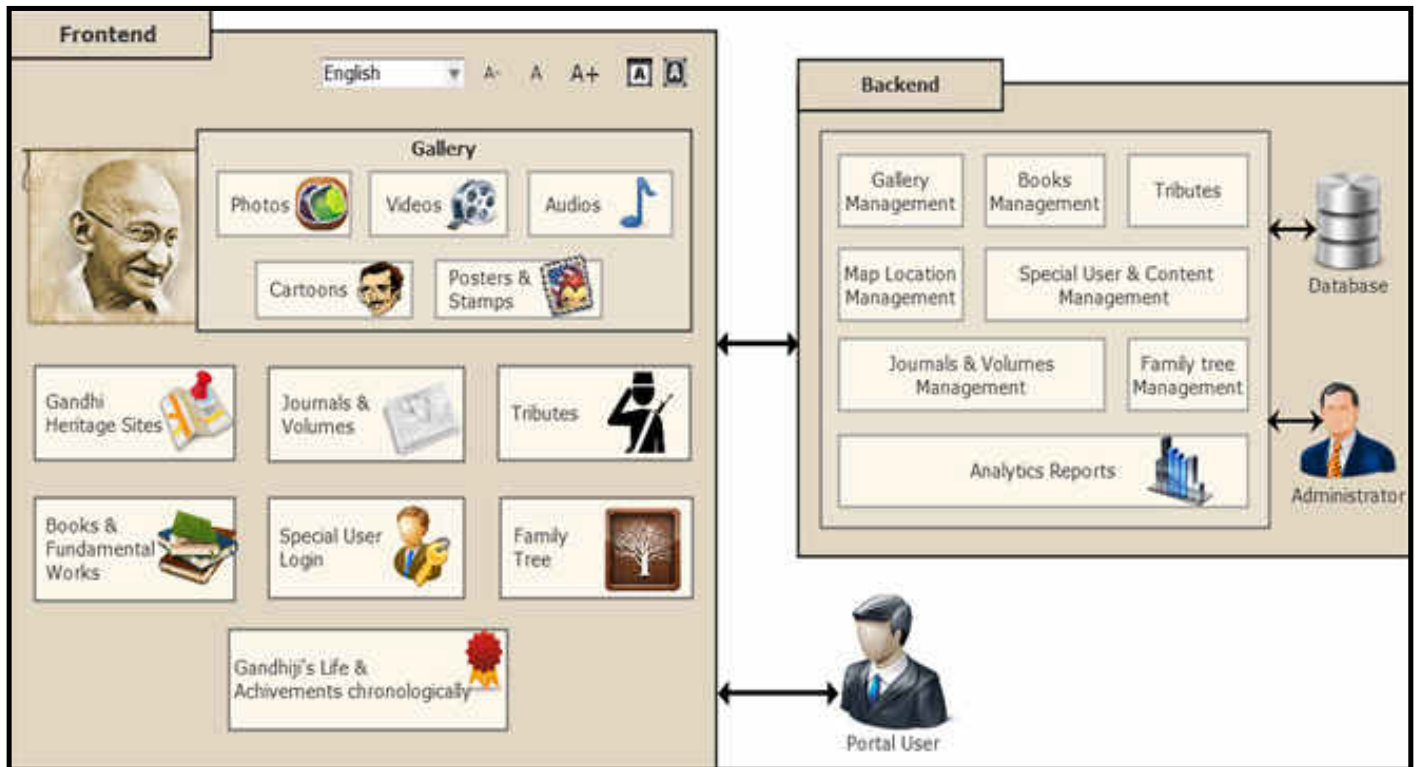
Simple and noble life of Mahatma Gandhi is made available to the world through this website. The Website exhibits the following benefits:

- 1. Site visitors can easily get the information & knowledge from portal about Mahatma Gandhi's life, hard-work & his contribution towards the Indian nation
- 2. Photographs related to Gandhiji's family, his associates and various movements & activities are available and visitors also can easily print those photos via portal
- 3. Web portal provides a list of all places on Google map that Gandhiji visited across the India and outside India
- 4. e-Copy of journals written and published by Gandhiji or other institutions are available online
- 5. With the help of Book reader, visitors can read the books online and also print the required pages from the portal
- 6. The portal is available in three languages - English, Hindi & Gujarati so that users from different geographical locations can use / read the portal easily
- 7. Portal provides the facility of increasing and decreasing the font size of content
- 8. Screen reader access functionality has been integrated to make the site potentially useful to people who are blind, visually impaired, illiterate or learning disabled
- 9. With the help of Drupal, the portal exhibits more stability and fast response time

Gandhi Heritage Portal

Project Workflow & Description

Project Workflow



Project Description

The web portal is developed to present Gandhiji's memories, day-to-day chronology, tributes, journals and books written by Gandhiji in front of world. By considering the client's specific & unique requirements, the portal is developed using Drupal open source platform with MySQL as backend.

- The portal contains global search functionality that helps to search any topic related to Gandhiji across the portal
- Site visitors are able to change the size and view of the portal
- The portal is available in three different languages - English, Hindi & Gujarati
- On home page of the website, site tour facility is available that shows complete video of how to use the portal

The Portal contains following major modules:

1) **Gallery:** The gallery contains visual representations of Gandhiji's life in various media.

a. Photo Gallery:

- It contains selection of photographic images of Gandhiji's visited places, photographs of his family, his associates and various movements & activities
- Search and Print functionality is made available on Photo Gallery to enable the users to search and print the photographs

b. Video Gallery:

- It contains films made on Gandhiji's life
- Video player contains all video features such as start / pause / stop, forward, backward, and volume up / down
- Portal supports MP4 & WEBM video file formats

c. Audio Gallery:

- It contains Gandhiji's prayers and speeches recorded at the time of the India's freedom movement
- It is played on the portal by audio player functionality that contains start / pause / stop, forward, backward, and volume up / down features
- The document related to audio file is also available on the portal
- It supports MP3 & WAV audio file formats

d. Other Media:

- It contains cartoon, stamp and poster gallery
- Site visitors able to search and print the photographs from the web portal
- Poster gallery contains slide show functionality for auto-playing all the poster photographs

2) Journals:

- It contains full texts of all the journals that Gandhiji owned, edited or published
- It also includes the journals published by institutions and movements which look for interrogating Gandhiji's ideas and practices
- The portal gives facility to site visitors by searching and filtering the journal according to published date

3) Chronology:

- This section displays Gandhiji's day-to-day and event wise chronology
- Day-to-day chronology section contains search and date wise filtering functionality
- Mahatma Gandhi's day-to-day chronology is displayed in images with on-click enlarging functionality

4) Gandhi Heritage Sites (GHS):

- It contains a list of all places that Gandhiji visited across the Indian subcontinent to carry his message of Truth and Non-violence
- The website displays those places on Google map with proper history related to those places

5) The Collected Works of Mahatma Gandhi (CWMG): It contains volume documents on the life work of Gandhiji in two modes:

- **The Archival Mode** provides scanned images of the original volumes as published
- **The Enhanced Mode** provides black and white images of the same for ease of reading

6) Family Tree:

- It displays the entire family of Gandhiji in tree structure
- Site visitors are able to find any family member and get their information
- Administrator will manage all the family member's details with their photographs from back end

7) Special Users:

- The portal contains registration for special users such as researchers / Gandhiji's followers
- These users can access the portal using their own User name and Password
- Portal Administrator will approve their logins after the identity proof is submitted by them
- These users will be able to view content uploaded only by him / her on the portal

The portal displays recent updates submitted by administrator. Administrator manages all types of content such as photographs, videos, books, volumes and all users from back end. Administrator is also able to analysis various types of reports such as Volume wise missing books by language, Geography wise survey reports.

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Objectives

1. To develop portal that covers all heritage and memories of Mahatma Gandhiji's life and his tributes to the Indian Nation
2. To develop custom modules for gallery, chronology, journals and volumes functionality
3. To integrate Book Reader extension and customize it as per client's requirement
4. To provide registration functionality for contributor users managed by administrator
5. To develop multi lingual (English, Hindi & Gujarati) web portal
6. To integrate Google map with the portal for GHS (Gandhi Heritage Sites) feature

Project Approaches / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available features, capabilities and new enhancements.

Phase I: System requirement Study document and re-estimation

Phase II: Extension checking for compatibility (Book Reader Extension)

Phase III: Preparation of Wireframes of the entire site

Phase IV: Designing

Phase V: Development & Design Integration

Phase VI: Testing

Phase VII: Deployment and provide documentation

Technology

Development Platform

Technology	Specifications
Technology & Framework	Drupal 7.0
Languages	PHP 5.3
Database	MySQL 5 Server Database
Web Server/Hosting Platform	Apache
Operating System (Development)	Windows 7

Deployment Platform

Technology	Specifications
Technology & Framework	Drupal 7.0
Languages	PHP 5.3
Database	MySQL 5 Server Database
Web Server/Hosting Platform	Apache
Operating System	Linux

Gandhi Heritage Portal

Duration

1. Project Man Hours: 4780 hours
2. Project Life Cycle: 2 years

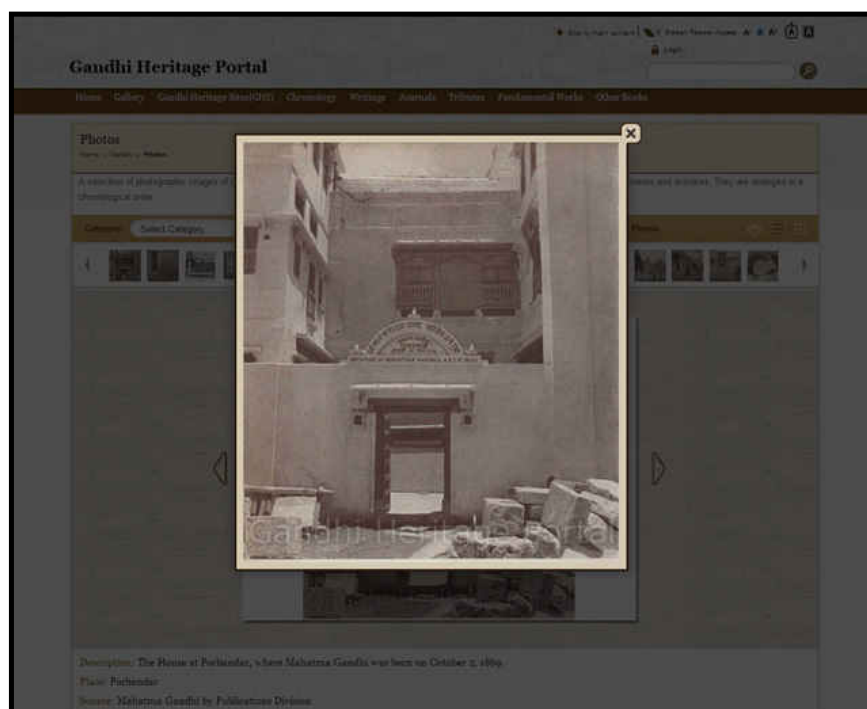
Key Challenges

1. Lots of customization in Drupal's default functionality as per client's specific & unique requirement
2. Developing the customized jQuery for photo, video & poster galleries
3. Customizing Drupal's core multilingual capabilities for static pages and make it available for dynamic modules too
4. Developing "Family Tree" functionality that displays whole family of Gandhiji in tree structure with detailed member information

Results Achieved

1. Registration functionality for Mahatma's followers
2. The Gandhiji's followers can easily find his day-to-day chronology details online
3. All contents such as photographs, videos, books, family tree and chronology are managed by administrator
4. Site visitors can easily find recent updates on the portal
5. The analysis reports will guide the administrator for decision making and provide the language wise missing books information
6. Visitors easily search and filter the journals and books related to Gandhiji's life
7. Researches and content providers will be able to register under the portal and those users are easily managed by administrator
8. The layout of the portal is easily customizable in two formats : standard and contrast format

Screenshots




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Gandhi Heritage Portal

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[Tributes](#)
[Fundamental Works](#)
[Other Books](#)



Thoughts of Mahatma Gandhi

I could not be leading a religious life unless I identified myself with the whole of mankind.

- "Discussion with Christian Missionaries, Harlan, December 24, 1938". CWMG, vol. LXVIII, p. 201.

Life & Times of Mahatma Gandhi

- Life
- Marches
- Fasts
- Imprisonments
- Tours
- Satyagraha
- Assaults & Assassination

[More...](#)

CWMG

A one-time authentic documentation of Gandhi's available writings was carried out meticulously, and conscientiously under the CWMG project of the Government of India in 1956.

- THE COLLECTED WORKS OF MAHATMA GANDHI
- અધીકૃતિ સ્વરૂપે
- સમ્પૂર્ણ ગાંધી વાહ્યમય

[More...](#)

Key Texts of Mahatma Gandhi

- Indian Home Rule (Hind Swaraj)
- Satyagraha in South Africa
- The Story of My Experiments with Truth Vol I
- The Story of My Experiments with Truth Vol II
- The Story of My Experiments with Truth
- Constructive Programme its Meaning and Place
- Key to Health

[More...](#)

Family Tree

Gandhi Heritage Sites

Gallery

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Gandhi Heritage Portal


Audios

As the Indian subcontinent moved towards freedom, it was engulfed by unprecedented violence. Gandhi's prayer speeches became the medium through which he appealed for calm and sanity. These prayer speeches were recorded by the All India Radio and relayed across the subcontinent. A collection is presented here

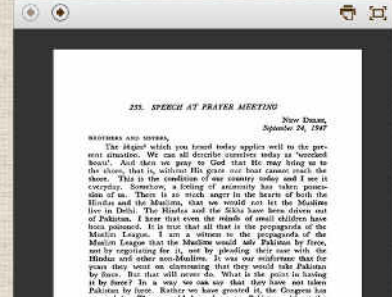
Showing: 12 / 19 Audios

IMPORTANT NOTE: TEXT HEREIN MENTIONED BELOW IS TAKEN FROM CWMG AND MAY NOT EXACTLY MATCH WORD BY WORD WITH THE AUDIO SPEECH.

- After the Partition-Killing and Slaughtering
Date: 24/09/1947
- Chardha is a symbol of Ahimsa
Date: 11/10/1947
- Strength of Satyagraha
Date: 11/10/1947
- Justice
Date: 11/10/1947
- Press King People Hindu-Muslim Unity
Date: 11/10/1947
- Truth and Ahimsa: Conversions Kashmir Problem
Date: 11/10/1947
- Truth and Ahimsa: Conversions Kashmir Problem
Date: 11/10/1947
- Homeless people
Date: 11/10/1947
- Upliftment of Religious
Date: 11/10/1947
- Problems of Kashmir and Hyderabad



After the Partition-Killing and Slaughtering
Date: 24/09/1947 Location: Delhi



255. SPEECH AT PRAYER MEETING
New Sharn,
September 24, 1947

RELIGIOUS AND SOCIAL.

The spirit which you find today applies well to the present situation. We are all struggling together today to 'rebuild India'. And then we pray to God that He may bring us to the dawn, that is, without His grace our hand cannot reach the shore. This is the condition of our country today and I see it everywhere. Something is being of necessity has taken possession of us. There is so much anger in the hearts of both the Hindus and the Muslims, that we would not let the Muslims live in Delhi. The Hindus and the Sikhs have been driven out of Pakistan. I have then even the minds of small children have been poisoned. It is not that all that is the propaganda of the Muslim League. I am a witness to the propaganda of the Muslim League that the Muslims would take Pakistan by force, not by negotiating for it, not by pleading their own with the Hindus and other non-Muslims. It was our misfortune that for years they used to claim that they would take Pakistan by force. But that will never do. What is the point in having it by force? In a way, we ask our that they have not taken Pakistan by force. Rather we have granted it, the Congress has granted it. There would have been no Pakistan without the British assistance to the demand. However much the Congress

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Chronology: Day-to-Day

Home > Chronology: Day-to-Day

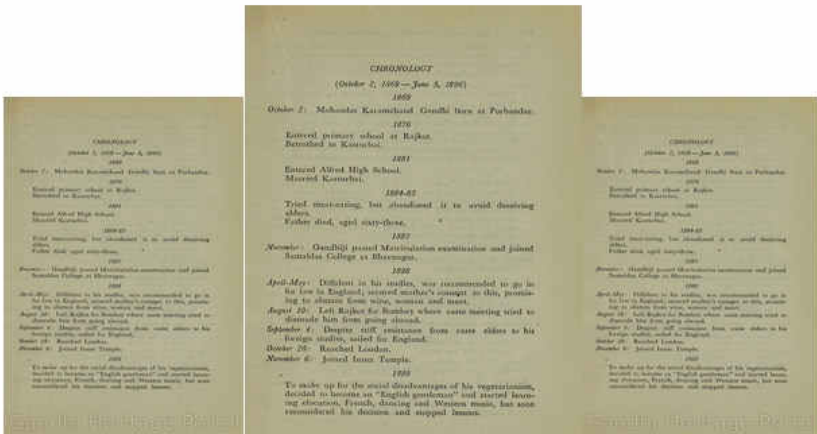
Choose the Year Range:
1869
1874
1879
1884
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1894
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1914
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1924
1929
1934
1939
1944
1948

1875 to 1948

<	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	>
Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			

Chronology from CWMG

01-31, Jan, 1875



Gandhi Heritage Portal

Gandhi Heritage Portal

Home Gallery Gandhi Heritage Sites(GHS) Chronology Writings Journals Tributes Fundamental Works Other Books

Gandhi Heritage Sites(GHS)

View - Gandhi Heritage Sites

Refine your Search

India	Outside	Rajkot Sites Of The Childhood
<input type="checkbox"/> All India <input type="checkbox"/> 1870-1879 <input type="checkbox"/> 1880-1889 <input type="checkbox"/> 1890-1899 <input type="checkbox"/> 1900-1909 <input type="checkbox"/> 1910-1919 <input type="checkbox"/> 1920-1929 <input type="checkbox"/> 1930-1939 <input type="checkbox"/> 1940-1949		

Haramdar Sites Of The Childhood Period
Chhatrapati Swami Dada Education House

Major Sites Of The Childhood Period
Rajput Street Of The Childhood Period

The Jail In Rajkot, And Mahatma Gandhi Was Imprisoned

The Collected Works of Mahatma Gandhi

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The Collected Works of Mahatma Gandhi

01 Vol.

The Collected Works of Mahatma Gandhi

02 Vol.

The Collected Works of Mahatma Gandhi

03 Vol.

The Collected Works of Mahatma Gandhi

04 Vol.

The Collected Works of Mahatma Gandhi

05 Vol.

The Collected Works of Mahatma Gandhi

06 Vol.

The Collected Works of Mahatma Gandhi

07 Vol.

The Collected Works of Mahatma Gandhi

08 Vol.

The Collected Works of Mahatma Gandhi

09 Vol.

The Collected Works of Mahatma Gandhi

10 Vol.

The Collected Works of Mahatma Gandhi

11 Vol.

The Collected Works of Mahatma Gandhi

12 Vol.

The Collected Works of Mahatma Gandhi

13 Vol.

The Collected Works of Mahatma Gandhi

14 Vol.

The Collected Works of Mahatma Gandhi

15 Vol.

The Collected Works of Mahatma Gandhi

16 Vol.

The Collected Works of Mahatma Gandhi

17 Vol.

The Collected Works of Mahatma Gandhi

18 Vol.

The Collected Works of Mahatma Gandhi

19 Vol.

The Collected Works of Mahatma Gandhi

20 Vol.

The Collected Works of Mahatma Gandhi

21 Vol.

The Collected Works of Mahatma Gandhi

22 Vol.

The Collected Works of Mahatma Gandhi

23 Vol.

The Collected Works of Mahatma Gandhi

24 Vol.

Indexed text search

Search

2 Out of 100 Volumes

View Mode:

☒ Archive

☐ Enhanced

☐ Compare

Vol. 02: 14-August-1896 : 17-December-1897

Go to title number:


English

Go

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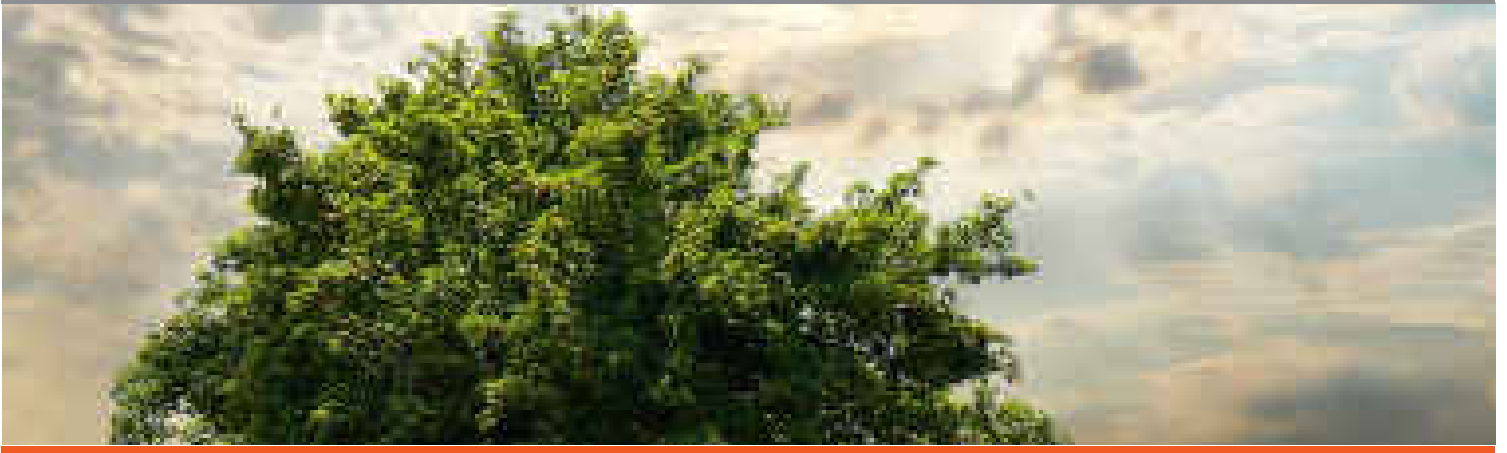
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THE
COLLECTED
WORKS
OF
MAHATMA
GANDHI
VOLUME TWO



PUBLICATIONS DIVISION

9



**Deliver best products, software solutions and services,
on time with quality, and as per customer expectations**

About SilverTouch

SilverTouch, a company established in 1992 is widely accepted for its IT solutions with a huge customer base in more than 20 countries across the world.

SilverTouch is actively engaged in Enterprise software development, enterprise content management, document management and IT consulting services such as Business process optimization, process consulting, implementation and customization of ERP. SilverTouch leads brilliantly in new technical developments such as: Mobile Application development services on iPhone, iPad, Blackberry, Android, J2ME and Windows mobile platforms. Even now, SilverTouch helps its global clients for major developments, deployments and managements of their mobility solutions and enterprise application development programs.

SilverTouch has alliance with several industry leaders such as Microsoft, Apple, Cisco, IBM, Oracle, SAP, Java, Dell, VM ware, Symantec, Sonic Wall which provides a competitive edge over other industry peers and targets to understand and cater to all types of requirements that concern our clients, thereby, leading to serve them precisely to their satisfaction.

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